

BRIGHAM YOUNG
UNIVERSITY



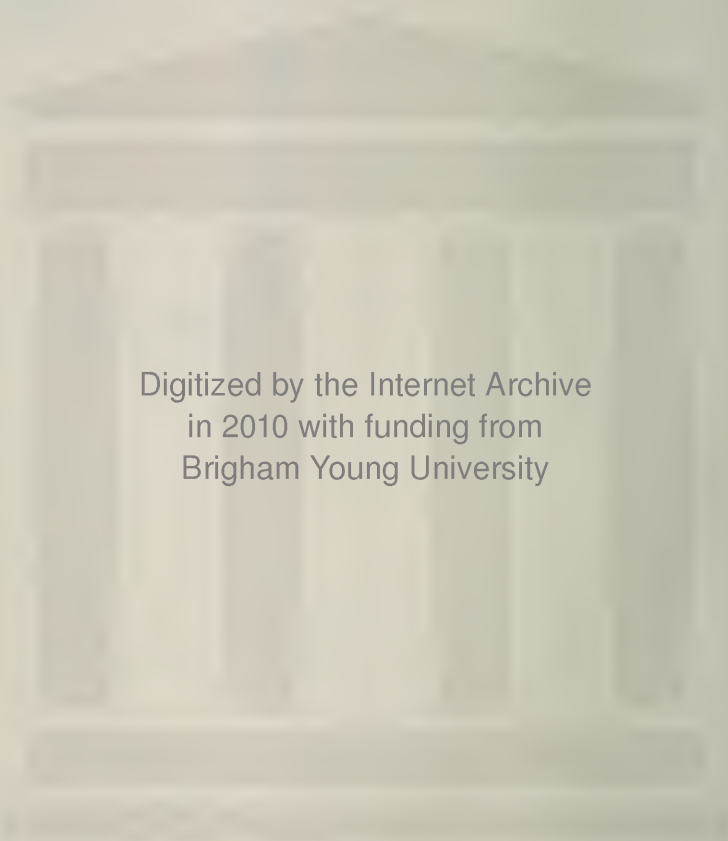
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**BRIGHAM YOUNG UNIVERSITY
QUARTERLY**

Catalogue Number

FOR THE SCHOOL YEAR

1938-1939

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BRIGHAM YOUNG UNIVERSITY
PROVO, UTAH

1938

JANUARY							APRIL							JULY							OCTOBER							
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1939

JANUARY							APRIL							JULY							OCTOBER						
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STEPHEN L. CHIPMAN	

University Calendar

1938

AUTUMN QUARTER

September 12—Training School begins.

September 19—First Faculty Meeting.

September 23 and 24—Registration days. Freshman instructions and examinations.

September 26—Registration continued.

September 27—Instruction begins.

October 17—Founder's Day celebration.

November 23 to November 28—(Wednesday evening until Monday morning—Thanksgiving Recess.)

December 22—Thursday evening—Autumn Quarter closes.

1939

WINTER QUARTER

January 3—Tuesday—Winter Quarter begins.

January 23 to January 27—Leadership Week.

March 17—Winter Quarter closes.

SPRING QUARTER

March 20—Spring Quarter begins.

June 4—Baccalaureate services.

June 6—Alumni Reunions.

June 7—Sixty-third Commencement Exercises.

June 12—Summer Quarter begins.

Administrative Officers

Franklin S. Harris	President
Kiefer B. Sauls	Secretary to the President
	Purchasing Agent
Edwart H. Holt	Secretary-Treasurer
Carma Ballif	Assistant in Treasurer's Office
John E. Hayes	Registrar
Christen Jensen	Dean of the Graduate School
George H. Hansen.....	
.....	Acting Dean of the College of Arts and Sciences
Herald R. Clark	Dean of the College of Commerce
Amos N. Merrill	Acting Dean of the College of Education
Gerrit de Jong, Jr.....	Dean of the College of Fine Arts
Thomas L. Martin	Dean of the College of Applied Science
Harrison R. Merrill	Director Extension Division
A. C. Lambert	Dean of the Summer Session
Nettie Neff Smart	Dean of Women
Wesley P. Lloyd	Dean of Men
Lloyd L. Cullimore	Medical Director
Edgar M. Jensen	Director Training Schools
Anna Ollorton	Librarian

The Faculty*

FRANKLIN STEWART HARRIS.....President

B. S. Brigham Young University, 1907; Ph. D., Cornell University, 1911; Student University of Paris, 1927; Instructor, Juarez Academy, 1904-05; Assistant Chemist, Utah Experiment Station, 1907-08; Instructor in Soils, Cornell University, 1907-08; Professor of Agronomy, Utah Agricultural College and Agronomist Utah Experiment Station, 1911-21; Director School of Agricultural Engineering and Mechanic Arts, 1912-16; Director Utah Experiment Station, 1916-21; President Brigham Young University, 1921—

JOHN C. SWENSON.....Professor of Economics and Sociology

A. B., Stanford University, 1898; M. A., Columbia University, 1921; Graduate work, Columbia University, Summer of 1924; Assistant Professor of English, Brigham Young University, 1898-99; Professor of History and Economics, 1899-1900; Dean of College of Education, 1921-24; Professor of Economics and Sociology, 1906—

CHARLES E. MAW.....Professor of Chemistry

A. B., Stanford University, 1903; S. M., University of Chicago, 1916; Ph. D., Stanford University, 1924; Graduate work, Columbia University, 1916; University of California, 1923; Professor of Chemistry, Brigham Young University, 1903—

CHRISTEN JENSEN.....Professor of History and Political
Science, Dean of Graduate School

A. B., University of Utah, 1907; A. M., Harvard University, 1908; Ph. D., University of Chicago, 1921; Graduate work, University of California; Study in Europe, 1928; Assistant Professor of History and Political Science, Brigham Young University, 1908-11; Professor, 1911—Acting Dean College of Applied Science, 1924-29; Dean Graduate School, 1929—

*The University Council consists of the President and all members of the faculty with the rank of professor, associate professor, or assistant professor.

AMOS N. MERRILL.....**Professor of Secondary Education**
Acting Dean of College of Education

B. S., Utah Agricultural College, 1896; M. S., University of Illinois, 1908; Ph. D., Stanford University, 1926; Professor of Agriculture, Brigham Young College, 1905-09; Professor of Agriculture, Brigham Young University, 1910-22; Dean of Church Teachers' College, 1917-23; Professor of Secondary Education and Supervisor of Secondary Training, 1924—

EDWARD H. HOLT.....**Professor of Office Practice**
Secretary of the Faculty

B. Pd., Brigham Young University, 1895; Assistant Professor of Business Education, 1895-1902; Professor of Business Education, 1902-21; Professor of Office Practice, 1921—

ALICE L. REYNOLDS.....**Professor of English Literature**

A. B., Brigham Young University, 1910; Graduate work, University of London, 1911; Two years Graduate work, European Universities; University of Chicago; University of California, 1923; Columbia University, 1932-33; Instructor in English, Brigham Young University, 1894-1911; Professor of English Literature, Brigham Young University, 1911—

CARL F. EYRING*.....**Professor of Physics and Mathematics**
Dean of the College of Arts and Sciences

A. B., Brigham Young University, 1912; M. A., University of Wisconsin, 1915; Ph. D., California Institute of Technology, 1924; Assistant in Physics, University of Wisconsin, 1914-15; Assistant in Physics, California Institute of Technology, 1922-23; Acoustical Engineer, Bell Telephone Laboratories, 1929-31; Assistant in Physics, Brigham Young University, 1910-12; Instructor, 1912-14; Assistant Professor, 1915-17; Professor of Physics and Mathematics, 1917—; Dean of the College of Arts and Sciences, 1924—.

VILATE ELLIOTT.....**Professor of Home Economics**

B. Pd., Brigham Young University, 1895; Graduate work Pratt Institute; Student State Normal School Santa Barbara, California; University of Chicago; Study in Europe, 1924-25; Floating University, 1930-31; Professor of Home Economics, Brigham Young University, 1908—.

*On leave of absence.

**BENJAMIN F. CUMMINGS.....Professor of Modern and
Classical Languages**

A. B., University of Utah, 1913; Graduate work, University of Utah; University of Chicago; Stanford University; University of Paris; Instructor Modern Languages, Latter-day Saints University, 1910-12; 1914-20; Instructor Modern Languages, University of Utah, 1913-14; Professor of Modern and Classical Languages, Brigham Young University, 1920—.

FLORENCE JEPPERSON MADSEN.....Professor of Music

B. M., Chicago Musical College, 1926; M. M., 1927; Doctor of Music, Boguslawski College of Music, 1932; A. B., Brigham Young University, 1934; Graduate Work in Music, New England Conservatory of Music; Director, Vocal Department, Lasalle Seminary, Boston, 1911-16; Instructor in Vocal Art, L. D. S. School of Music and Weber College, 1916-18; Instructor in Music, Chicago Musical College, Summers of 1927-28; Brigham Young University, 1910-11; 1916-18; Professor of Music, 1920—.

**THOMAS L. MARTIN.....Professor of Agronomy and
Bacteriology, Dean of the College of Applied Science**

A. B., Brigham Young University, 1912; Ph. D., Cornell University, 1919; Study in Europe, 1930; Principal, Big Horn Academy, 1912-15; Emery Stake Academy, 1916-17; Millard Academy, 1919-21; Instructor in Soils, Cornell University, 1917-19; Professor of Agronomy, Brigham Young University, 1921-35; Professor of Agronomy and Bacteriology, 1935—. Dean of the College of Applied Science, 1937—.

WILLIAM J. SNOWProfessor of History

A. B., Brigham Young University, 1919; Ph. D., University of California, 1923; Principal, Uintah Stake Academy, 1906-08; Instructor in History, Brigham Young University, 1910-15; Assistant Professor of History, 1915-17; Professor of History, 1917—.

T. EARL PARDOE.....Professor of Speech

Graduate of Leland Powers School, 1913; A. B., Brigham Young University, 1925; M. A., University of Southern California, 1932; Graduate Work, Columbia University; Speech Correction, University of Southern California; Ph. D., University of Louisiana, 1936; Head of Department of Dramatic Art and Public Speaking, Weber Normal College, 1915-18; Associate Professor of Public Speaking and Dramatic

Art, Brigham Young University, 1920-22; Professor of Speech, 1922—.

M. WILFORD POULSON.....Professor of Psychology

A. B., Brigham Young University, 1914; M. A., University of Utah, 1919; Graduate work, University of Chicago, two years from 1916 to 1925; Assistant Professor of Education, Brigham Young University, 1916-19; Associate Professor of Education, 1919-22; Associate Professor of Psychology, 1922-23; Professor, 1923—.

VASCO M. TANNER.....Professor of Zoology and Entomology

A. B., Brigham Young University, 1915; M. A., University of Utah, 1920; Ph. D., Stanford University, 1925; Head of Department of Biology, Dixie College, 1916-18, 1920-24; Professor of Zoology and Entomology, Brigham Young University, 1925—.

**HERALD R. CLARK.....Professor of Finance and Banking
Dean of the College of Commerce**

A. B., Brigham Young University, 1918; M. B. A., University of Washington, 1924; Graduate Work, Ohio State University; Instructor in Accounting, Brigham Young University, 1913-17; Assistant Professor of Finance and Banking, 1917-27; Associate Professor of Finance and Banking, 1927-28; Professor, 1928—; Dean College of Commerce, 1934—.

PARLEY A. CHRISTENSEN.....Professor of English

B. S., Utah Agricultural College, 1914; A. M., Stanford University, 1925; Ph. D., Stanford University, 1927; Assistant Professor of English, Brigham Young College, 1917-25; Professor of English, Brigham Young College, 1925-26; Associate Professor of English, Brigham Young University, 1927-28; Professor, 1928—.

**GERRIT de JONG, JR.Professor of Modern Languages
Dean of College of Fine Arts**

A. B., University of Utah, 1920; M. A., 1925; Ph. D., Stanford University, 1934; Graduate Work, National University of Mexico; University of Munich; Stanford University; Instructor Murdock Academy, 1916-18; Instructor, Latter-day Saints University, 1919-25, Associate Professor of Modern Languages, Brigham Young University, 1925-29; Professor, 1929—; Dean of College of Fine Arts, Brigham Young University, 1925—.

GEORGE H. HANSEN.....Professor of Geology and Geography
Acting Dean of College of Arts and Sciences

B. S., Utah Agricultural College, 1918; M. S., George Washington University, 1925; Ph. D., George Washington University, 1927; Field Work with U. S. Geological Survey, Summers of 1918, 1925, 1926 in Utah, Colorado and New Mexico; Assistant Professor of Geology and Geography, Brigham Young University, 1927-29; Professor of Geology and Geography, 1929—.

HARRISON VAL HOYT.....Professor of Accounting and
Business Administration

Bachelor of Science (Engineering) Purdue University, 1913; M. B. A., Harvard Graduate School of Business Administration, 1917; Ph. D., Stanford University, (Graduate School of Business Administration) 1931; Professor of Accounting and Business Administration and Dean of the College of Commerce, Brigham Young University, 1921-31; Dean of Oregon State College School of Commerce, 1931-32; Dean and Director of the University of Oregon School of Business Administration and Commerce Work at the Oregon State College, 1932-36; Professor of Accounting and Business Administration, Brigham Young University, 1937—.

ELMER MILLER.....Professor of Economics

A. B., Stanford University, 1914; Graduate Work, Stanford University; University of Chicago; University of California; Instructor Dixie Normal College, 1911-12; Superintendent Alpine School District, 1922-25; Associate Professor of Economics, Brigham Young University, 1923-29; Professor of Economics, 1930—.

MILTON MARSHALL.....Professor of Physics

A. B., Brigham Young University, 1918; Ph. D., University of Chicago, 1924; Instructor of Physics, Brigham Young University, 1919-21; Assistant Professor, 1924-27; Associate Professor, 1927-30; Professor, 1930—.

GUY C. WILSON.....Professor of Religious Education

B. Pd., Brigham Young University, 1900; Graduate Work, Brigham Young University, University of Utah, University of Chicago, Columbia University; Instructor, Brigham Young University, 1896-97; Principal Juarez Stake Academy, 1897-1912; Teacher of Granite Seminary, 1913-15; President Latter-day Saints University, 1915-26; Supervisor of Religious Education, L. D. S. Department of Education, 1926—.

30; Professor of Religious Education, Brigham Young University, 1930—.

BENT F. LARSEN.....**Professor of Art**

A. B., Brigham Young University, 1912; M. A., University of Utah, 1922; Graduate Work, University of Chicago, Art Institute of Chicago, Academic Julian, Paris, Academie Colarossi, Paris, Academie de La Grande Chaumiere, Paris; Student in Europe for sixteen months, 1929-30, with George Elmer Brown Art Group and in the Academie Andre' L'Hote; Supervisor of Art, B. Y. U. Training School, 1908-12; Associate Professor of Art, 1912-31; Professor of Art, 1931—.

LEROY J. ROBERTSON.....**Professor of Music**

Graduate of New England Conservatory of Music, 1923; A. B., Brigham Young University, 1932; M. A., Brigham Young University, 1932; Study in Europe, 1932-33; Instructor of Music, Brigham Young University, 1924-26; Assistant Professor of Music, 1926-27; Associate Professor of Music, 1927-31; Professor of Music, 1931—.

HARRISON R. MERRILL.....**Professor of Journalism**
Director of Extension Division

B. S., Utah Agricultural College, 1916; M. S., Pulitzer School of Journalism, Columbia University, 1930; Graduate Work, Utah Agricultural College, Brigham Young University, Medill School of Journalism, Northwestern University, 1927; Instructor in English, Oneida Academy, 1912-20; Instructor in English, Brigham Young University, 1921-23; Assistant Professor, 1923-29; Associate Professor of English, 1930-31; Professor of Journalism, 1931— Director of Extension Division, 1936—.

FRANKLIN MADSEN.....**Professor of Music**

A. B., Brigham Young University, 1925; M. A., Brigham Young University, 1931; from the Chicago Musical College, Graduate Diploma, 1925; Teachers' Certificate in Vocal Art and Singing, 1927; B. M., 1926; M. M., 1927; B. M. E., 1928; Mus. Doc., 1929; M. M. E. (Master of Music Education), 1932; Honorary Doctor of Music Education from Boguslawski College of Music, 1933; Instructor Chicago Musical College, Summers of 1927-36, and the winter of 1927-28; Instructor in Music, Brigham Young University, 1920-24; Assistant Professor of Music, 1924-30; Associate Professor of Music, 1930-31; Professor of Music, 1931—.

**ASAEL C. LAMBERT.....Professor of Educational Administration
Dean of Summer Session**

B. S., Brigham Young University, 1925; M. S., 1926; Ph. D., Stanford University, 1935; Superintendent of Public Instruction, Fremont County, Idaho, 1923-24; Instructor, Brigham Young University, 1924-27; Principal, University High School, 1926-28; Assistant Professor of Secondary Teaching, 1927-32; Associate Professor, 1932-34; Professor of Educational Administration, 1934—. Dean Brigham Young University Summer Session, 1937—.

LAVAL S. MORRIS.....Professor of Landscape Architecture

B. S., Utah Agricultural College, 1923; M. S., Michigan State College, 1926; Graduate Work, University of Southern California, Cornell University, Harvard University, 1930-33; Instructor in Horticulture, Brigham Young University, 1923-26; Assistant Professor, 1926-31; Associate Professor, 1931-34; Professor of Landscape Architecture, 1934—.

EFFIE WARNICKProfessor of Home Economics

B. S., Utah Agricultural College, 1914; M. S., Iowa State College, 1937; Graduate work, Columbia University, University of California, University of Chicago, Iowa State College; Instructor, Branch Agricultural College, 1914-15; Instructor in Foods and Nutrition, Brigham Young University, 1922-23; in Household Administration, 1923-1927; Assistant Professor, 1927-30; Associate Professor, 1930-35; Professor, 1935—.

J. MARINUS JENSEN.....Professor of English

A. B., Brigham Young University, 1912; M. A., University of Chicago, 1919; Graduate Work, University of California, Stanford University, Columbia University; Instructor in English, Brigham Young University, 1910-19; Assistant Professor of English, 1919-21; Associate Professor, 1921-1936; Professor of English, 1936—.

GEORGE STEWART.....Special Professor of Agronomy

B. S., Utah State Agricultural College, 1913; M. S., Cornell University, 1918; Ph. D., University of Minnesota, 1926; Professor of Agronomy, U. S. A. C., 1919-30; Senior Ecologist, Branch Research U. S. Forest Service, 1930—; Special Professor of Agronomy, Brigham Young University, 1932—.

LLOYD L. CULLIMORE.....Medical Director

B. S., University of Utah, 1922; M. D., George Washington Medical College, 1925; Instructor in Physiol-

ogy, George Washington Medical College, 1925-26; Instructor in Health Education, Brigham Young University, 1927; Assistant Medical Director, 1928-29; Medical Director, 1929—.

**HERMESE PETERSON.....Professor of Elementary
Education**

B. S., Brigham Young University, 1928; Graduate work, Brigham Young College, Utah Agricultural College, Columbia University, University of Utah, University of California, University of Chicago; Primary Supervisor of Alpine School District, 1908-12; Study in Europe, 1928; Critic Teacher, Brigham Young University Training School, 1912-20, Primary Supervisor, 1920-23; Assistant Professor of Elementary Teaching, 1923-35; Associate Professor, 1935-36; Professor of Elementary Education, 1936—.

WILLIAM H. BOYLE.....Professor of Elementary Education

A. B., Brigham Young University, 1913; M. A., 1923; Graduate work, University of California, University of Southern California; Principal, Brigham Young University High School, 1910-26; Assistant Professor of Elementary Education, 1923-35; Associate Professor, 1935-36; Professor of Elementary Education, 1936—.

ROBERT SAUER.....Professor of Music

Graduate of Music School of Dresden, Germany; Student Siegel Meyer Music Conservatory of Chicago, 1905; Instructor of Music, Brigham Young University, 1905-20; Assistant Professor of Music, 1920-24; Associate Professor of Music, 1924-1938; Professor of Music, 1938—.

**CHARLES J. HART.....Professor of Physical Education
and Athletics**

B. S., Utah Agricultural College, 1922; M. A., New York University, 1932; Graduate work, Utah Agricultural College, University of Wisconsin; Instructor Teton High School, 1923-25; Instructor in Physical Education and Athletics, Brigham Young University, 1925-27; Assistant Professor, 1927-37; Associate Professor of Physical Education, 1937; Professor of Physical Education, 1938—.

**WAYNE B. HALES.....Professor of Physics
and Mathematics**

A. B., Brigham Young University, 1916; M. A., University of Utah, 1922; Ph. D., California Institute of

Technology, 1926; Instructor in Physics, Ricks College, 1916-21; President Snow College, 1921-24; Professor of Physics, Weber College, 1926-30; Associate Professor of Physics, Brigham Young University, 1930-1938; Professor of Physics and Mathematics, 1938—.

H. GRANT IVINS.....Professor of Animal Husbandry

B. S., Utah State Agricultural College, 1917; Instructor in Animal Husbandry, Brigham Young University, 1929-31; Assistant Professor, 1931-37; Associate Professor of Animal Husbandry, 1937-1938; Professor of Animal Husbandry, 1938—.

SETH T. SHAW.....Professor of Horticulture

B. S., Utah State Agricultural College, 1931; M. A., Utah State Agricultural College, 1932; Graduate work, University of Missouri, 1936-37; Instructor in Horticulture, Brigham Young University, 1931-34; Assistant Professor, 1934-37; Associate Professor of Horticulture, 1937-1938; Professor of Horticulture, 1938—.

BERTRAND F. HARRISON.....Professor of Botany

B. S., Brigham Young University, 1930; M. S., Brigham Young University, 1931; Ph. D., University of Chicago, 1937; Graduate Assistant in Botany, University of Chicago, 1936-37; Assistant in Botany, Brigham Young University, 1930-31; Instructor in Botany, 1931-35; Assistant Professor, 1935-37; Associate Professor of Botany, 1937-1938; Professor of Botany, 1938—.

L. WESTON OAKS.....Associate Medical Director

M. D., Jefferson Medical College, 1919; Graduate work, Colorado Congress Otolaryngology, Denver, Summers of 1923, 1924, and 1925; Assistant Medical Director, Brigham Young University, 1924-1925; Medical Director, 1925-29; Associate Medical Director, 1929—.

JOSEPH SUDWEEKS.....Associate Professor of Educational Administration

B. S., University of Idaho, 1912; M. A., University of Chicago, 1920; Ph. D., University of Wisconsin, 1925; Instructor and Supervisor of Training, U. S. Veterans' Bureau, University of Idaho, 1920-23; Assistant in Department of Education, University of Idaho, 1920-21; Assistant Professor of Educational Administration, Brigham Young University, 1925-27; Associate Professor, 1927—.

CLARENCE S. BOYLE*.....Associate Professor of Accounting
and Business Administration

B. S., Brigham Young University, 1924; M. S. in Retailing, New York University, 1926; Graduate work, New York University, 1926-27; Associate Professor of Accounting and Business Administration, Brigham Young University, 1927—.

SIDNEY B. SPERRY.....Associate Professor of Religious
Education

A. B., University of Utah, 1917; M. A., University of Chicago, 1926; Ph. D., University of Chicago, 1931; Graduate work, American School of Oriental Research, Jerusalem, Palestine; Principal American Fork Seminary, 1922-24; Weber Seminary, 1924-25; Moroni Seminary, 1925-26; Pocatello Seminary and Institute, 1927-28; Director L. D. S. Institute, Moscow, Idaho, 1929-31; Associate Professor, Brigham Young University, 1932—.

ED. M. ROWE.....Associate Professor of English

A. B., Brigham Young University, 1923; Graduate work, Utah Agricultural College, Brigham Young University, University of Chicago, University of Wales, 1931-33; Principal, Spanish Fork High School, 1910-12; Instructor in English, Brigham Young University, 1924-27; Assistant Professor, 1927-35; Associate Professor, 1935—.

WILMA JEPPSON.....Associate Professor of Physical Education
for Women

B. S., Brigham Young University, 1927; M. S., Columbia University, 1930; Graduate work, University of California, University of Wisconsin, Columbia University, New York University; Study Tour of Europe, 1932-33; Instructor in Physical Education for Women, Brigham Young University, 1923-30; Assistant Professor, 1930-35; Associate Professor, 1935—.

ALONZO J. MORLEY.....Associate Professor of Speech

A. B., Brigham Young University, 1925; M. A., Brigham Young University, 1931; Ph. D., University of Iowa, 1935; Teacher of Public Speaking and Dramatic Art, Uintah County High School, 1925-26; Head of Speech Department, Weber County High School, 1926-27; Instructor in Speech, Brigham Young University, 1928-30; Assistant Professor, 1930-35; Associate Professor, 1935—.

*On leave of absence.

WILLIAM H. SNELL.....Associate Professor of Mechanic Arts

A. B., Brigham Young University, 1918; Graduate work, Bradley Polytechnic Institute, Brigham Young University; Instructor in English, Brigham Young University, 1915-17; Instructor in Woodwork, 1916-21; Assistant Professor of Mechanic Arts, 1921-36; Associate Professor of Mechanic Arts, 1936—.

JOSEPH K. NICHOLS.....Associate Professor of Chemistry

A. B., Brigham Young University, 1916; M. A., Stanford University, 1924; Graduate work, University of Chicago summer of 1933, and at Stanford University summer of 1934 and 1936; President, Dixie College, 1919-23, and 1926-33; Assistant Professor of Chemistry, Brigham Young University, 1933-36; Associate Professor of Chemistry, 1936—.

KARL E. YOUNG.....Associate Professor of English

B. S., Utah State Agricultural College, 1924; B. A. and M. A., Oxford University, 1934; Graduate work at Harvard University; Instructor in English, Brigham Young University, 1930-31; Assistant Professor of English, 1932-37; Associate Professor of English, 1937—.

REUBEN D. LAW.....Associate Professor of
Elementary Education

B. S., Utah State Agricultural College, 1928; M. S., Utah State Agricultural College, 1933; Graduate work, University of Southern California; Superintendent of Schools, Rich County School District, 1929-35; Instructor in Education, Utah State Agricultural College, Summer Session, 1933; Superintendent of Schools, Duchesne County School District, 1935-36; Assistant Professor of Elementary Education, Brigham Young University, 1936-1938; Associate Professor, 1938—.

EDWIN R. KIMBALL.....Associate Professor of Physical
Education and Director of Athletics

B. S., Brigham Young University, 1926; M. S., University of Southern California, 1935; Instructor in Physical Education and Athletics, Millard County High School, 1926-27; Instructor in Mathematics and Athletic Director in Grand County High School, 1927-30; Instructor in Physical Education and Athletics, Jordan High School, 1931-35; Instructor in Physical Education and Athletics, Brigham Young University, 1935-37; Assistant Professor and Coach, 1937-38; Associate Professor and Director of Athletics, 1938—.

WESLEY P. LLOYD.....Associate Professor of Philosophy
of Education and Dean of Men

B. S., Brigham Young University, 1927; M. S., 1933; Ph. D., University of Chicago, 1937; Instructor in Social Sciences, Edmunds High School, 1927-29; Principal, 1929-30; Principal L. D. S. Seminary at Grace, Idaho, 1930-31; Principal L. D. S. Seminary at Oakley, Idaho, 1931-34; Research Fellow, University of Chicago, 1936-37; Instructor in Education, Brigham Young University, Summer, 1935; Assistant Professor of Philosophy of Education, 1937-38; Associate Professor of Philosophy of Education and Dean of Men, 1938—.

MADISON W. MERRILL.....Associate in Medical Department

D. M. D., North Pacific Dental College, 1923; Special work in extractions and Oral Surgery at Mayo Clinic Dental Department, summers of 1931 and 1936, and special work in Orthodontia, Denver, 1937; appointed Associate in Medical Department Brigham Young University, 1938—.

LELAND K. CULLIMORE.....Associate in Medical Department

A. B., George Washington University, 1931; M. D., George Washington University, 1934; Resident Physician, Pediatrics and Contagious Diseases, Gallinger Municipal Hospital, 1934-36. Associate in Medical Department, Brigham Young University, 1938—.

WILMUR L. ALLEN.....Associate in Medical Department

M. D., University of Pennsylvania Medical School, 1931; Appointed Associate in Medical Department, Brigham Young University, 1938—.

IDA SMOOT DUSENBERRY.....Assistant Professor of
Psychology

B. Pd., Brigham Young University, 1905; B. S., Brigham Young University, 1937; Graduate Chaurecey Hall College, Boston, 1908; Graduate Emerson College of Oratory, Boston, 1909; Graduate work, Pestalozzi Froebel House, Berlin, Germany; Columbia University, University of Washington, University of California; Study in Europe, 1919-20; Director of Kindergarten Training, Brigham Young University, 1910-21; Assistant Professor, Floating University, 1930-31; Assistant Professor of Psychology, Brigham Young University, 1921—.

EMMA BROWN....Assistant Professor of Elementary Education

B. S., Columbia University, 1924; M. A., Columbia Uni-

versity, 1934; Graduate work, University of Chicago; Study in Europe, 1928; Critic Teacher, University of Utah, 1908-10; Primary Supervisor, Box Elder County, 1913-15; Nebo School District, 1917-22; Primary Supervisor Brigham Young University Training School, 1923-25; Assistant Professor of Elementary Education, 1925—.

EDGAR M. JENSON.....Assistant Professor of Educational Administration, Director of Training Schools

A. B., Brigham Young University, 1916; M. A., Brigham Young University, 1919; Graduate work, Stanford University; Head of Department of Education, Dixie College, 1919-23; President, Dixie College, 1923-26; Instructor, Brigham Young University, 1927-28; Assistant Professor in Educational Administration and Principal University High School, 1928-35; Director of Training Schools, 1930—.

WILLIAM F. HANSON.....Assistant Professor of Music

Music Diploma, Brigham Young University, 1907; Teacher's Certificate, Chicago Musical College, 1924; Private work with Xaver Schaswenka, Maurice Aronson, Felix Borowski, Dr. Carl Busch, and H. B. Maxyott, 1924; Supervisor High School Music, Vernal, 13 years; Supervisor Public School Music, Brigham Young University, 1924-25; Instructor in Music, 1926-31; Assistant Professor, 1931—.

RUSSEL SWENSEN.....Assistant Professor of Religious Education

A. B., Brigham Young University, 1926; M. A., University of Chicago, 1931; Ph. D., University of Chicago, 1934; Principal L. D. S. Seminary, Mesa, Arizona, 1926-27; Principal L. D. S. Seminary at Kamas, Utah, 1927-28; Principal L. D. S. Seminary at Hurricane, 1928-30; Assistant Professor of Religious Education, Brigham Young University, 1933—.

LOREN C. BRYNER.....Assistant Professor of Chemistry

B. S., Brigham Young University, 1928; M. S., Brigham Young University, 1930; Ph. D., Iowa State College, 1934; Assistant in Chemistry at Brigham Young University, 1928-30; Graduate Assistant in Chemistry at Iowa State College, 1930-35; Research Fellow at Iowa State College, Summers of 1931 and 1932; Assistant Professor of Chemistry, Brigham Young University, 1935—.

- ELSIE C. CARROLL**.....Assistant Professor of English
 B. S., Brigham Young University, 1926; M. A., Brigham Young University, 1928; Student, Cornell University, University of Chicago, Stanford University; Columbia University, 1934; Head of English Department, Kanab High School, 1917-18; Provo High School, 1919-20; Instructor in English, Brigham Young University, 1926-36; Assistant Professor of English, 1936—.
- HUGH W. PETERSON**.....Assistant Professor of Chemistry
 A. B., 1916, M. A., 1928, Brigham Young University; Ph. D., University of Iowa, 1936; Teacher in High Schools of Wyoming and Utah, 1917-27; Instructor in Chemistry, Brigham Young University, 1927-36; Assistant Professor of Chemistry, 1936—.
- BILLIE HOLLINGSHEAD**.....Assistant Professor of Education
 A. B., Texas State College for Women, 1922; M. A., Brigham Young University, 1929, Ph. D., University of Southern California, 1935; Instructor Valdez High School, Valdez, Alaska, 1922-23; Instructor in Star Valley High School, 1924-26; Instructor in Kohala High School, Kohala, Hawaii, 1927-28; Instructor in Brigham Young University High School, 1929-36; Assistant Professor of Education, 1936—.
- IRENE S. BARLOW**.....Assistant Professor of Home Economics
 B. S., Utah State Agricultural College, 1919; M. S., University of Chicago, 1934; Instructor in Home Economics, Brigham Young University, 1934-36; Assistant Professor of Home Economics, 1936—.
- GLADYS D. BLACK**.....Assistant Professor of English
 Ph. B., University of Chicago, 1924; M. A., Columbia University, 1930; Graduate work, University of Chicago, 1936-37; Bread Loaf School of English, summer of 1937; Instructor in English, Provo High School, 1924-26; Instructor in English, Central High School, Springfield, Illinois, 1927-28; Instructor in English, Brigham Young University, 1928-37; Assistant Professor of English, 1937—.
- GOLDEN L. WOLF***.....Assistant Professor of Secondary Education, Principal, University High School
 A. B., Brigham Young University, 1934; M. A., Brigham Young University, 1936; Instructor in Languages, Brigham Young University, 1934-35; Instructor in Secondary Education, 1935-37; Assistant

*On leave of absence.

Professor of Secondary Education, 1937—; Principal, University High School, 1935—.

CARLTON CULMSEE*.....Assistant Professor of Journalism and Secretary Extension Division

B. S., Brigham Young University, 1932; M. A., Brigham Young University, 1937; Graduate work, University of Southern California, Secretary Extension Division, 1932; Instructor in Journalism, Brigham Young University, 1933-37; Assistant Professor of Journalism, 1937—.

STELLA P. RICH.....Assistant Professor of English

B. S., Brigham Young University, 1926; Instructor in the Public Schools of Utah and Idaho, 1911-27; Student, University of Chicago; Instructor in English, Brigham Young University, 1927-38; Assistant Professor of English, 1938—.

W. ELMO COFFMAN.....Assistant Professor of Geography

B. S., Utah State Agricultural College, 1920; M. S., Brigham Young University, 1932; Graduate work, Ohio State University, 1935-36; Instructor in Payson High School, 1920-21; Instructor in Springville High School, 1921-28; Principal, Minersville High School, 1928-29; Instructor in Geography, Brigham Young University, 1929-38; Assistant Professor of Geography, 1938—.

ALVA J. JOHANSON.....Assistant Professor of Chemistry

A. B., Brigham Young University, 1931; M. A., Brigham Young University, 1934; Graduate work, University of Illinois, 1936-38; Assistant in Chemistry, Brigham Young University, 1931-34; Instructor in Chemistry, 1934-38; Assistant Professor of Chemistry, 1938—.

LEONA HOLBROOK.....Assistant Professor of Physical Education for Women

B. S., University of Utah, 1929; M. A., Columbia University, 1935; Graduate work, University of Utah, Columbia University, New School for Social Research, New York; Instructor and Playground Director, Salt Lake City; Civic Center Director, Kaysville, Utah; M. I. A. Summer Camp Recreation Director; Federal Experimental Camp Recreation Director, Associate Camp Director Y. W. C. A. New York City; Instructor in Physical Education Brigham Young University, 1937-38; Assistant Professor of Physical Education for Women, 1938—.

*On leave of absence.

- ALLIE DIXON**.....Assistant Professor of Home Economics
 B. S., Brigham Young University, 1930; Graduate Hospital Dietitian Fifth Avenue Hospital, New York City, 1931; Graduate Nurse Highland School of Nursing at Alameda County Hospital, Oakland, California, 1936; Registered Nurse, 1936; Instructor of Home Economics, Gunnison High School, 1932-34; Instructor Nursing Techniques, Highland School of Nursing, Oakland, California, 1936-37; Instructor in Home Economics, Brigham Young University, 1937-38; Assistant Professor of Home Economics, 1938—.
- D. ELDON BECK**.....Assistant Professor of Zoology and Entomology
 A. B., Brigham Young University, 1929; M. A., Brigham Young University, 1930; Ph. D., Iowa State College, 1933; Head of Biology Department, Dixie College, 1933-38; Assistant Professor of Zoology and Entomology, Brigham Young University, 1938—.
- JOHN E. HAYES**.....Registrar
 B. S., Brigham Young University, 1924; Instructor, Brigham Young University, 1903—; Registrar, 1904—.
- ANNA OLLORTON**.....Librarian
 A. B., Brigham Young University, 1913; Graduate work, University of Chicago, University of Utah, Chautauqua Summer School, Columbia University; Assistant Librarian, Brigham Young University, 1919-23; Acting Librarian, 1923-31; Librarian, 1931—.
- KIEFER B. SAULS**.....Secretary to the President Purchasing Agent
 B. S., Utah State Agricultural College, 1920; Graduate work, Utah State Agricultural College; Secretary to Director, Utah Agricultural Experiment Station, 1917-21; Secretary to President and Purchasing Agent, Brigham Young University, 1921—.
- NETTIE NEFF SMART**.....Dean of Women
 B. S., Brigham Young University, 1933; Student, Cornell University, 1907-09; Instructor Brigham Young University Training School, 1904-05; Instructor, Provo High School; Dean of Women, 1925—.
- PERCIVAL P. BIGELOW**.....Instructor in Auto Mechanics
 Student University of Michigan, Brigham Young University; Head Mechanic, Utah Packard Motor Company, 1916; Foreman, Superior Motor Co., 1917-18; Mechanic, Hudson Motor Car Company Detroit, 1919; Instructor in Auto Mechanics, Brigham Young University, 1919—.

BERTHA ROBERTS.....Instructor in French

A. B., Brigham Young University, 1926; Graduate work, University of Chicago, 1929; Diploma University of Paris, 1933-34; Instructor, Wasatch High School, 1918-19; Instructor in Office Practice, Brigham Young University, 1919-33; Instructor in French, 1934—.

NEWBURN I. BUTT.....Library and Research Assistant

B. S., Utah Agricultural College, 1915; Graduate work, Utah State Agricultural College; Assistant Agronomist, Utah Agricultural College, 1915-18; Library and Research Assistant, Brigham Young University, 1922—.

ELLA LARSEN BROWN.....Assistant Librarian

Student Cook County Normal School; Columbia University; Primary Supervisor, Utah County Schools, 1900-1902; Director Brigham Young University Training School, 1902-1908; Assistant Librarian, Brigham Young University, 1923—.

FRED W. DIXON.....Instructor in Physical Education and Athletics

B. S., Brigham Young University, 1926; Instructor in Physical Education and Athletic Director at Weber County High School, 1926-28; Graduate work, Utah Agricultural College; Instructor in Physical Education and Athletics, Brigham Young University, 1928—.

C. LAVOIR JENSEN.....Instructor in Mathematics

Student Brigham Young College and University of Utah; Instructor, Logan High School, 1915-16; Principal, Midvale Schools, 1917-21; Instructor, Brigham Young University High School, 1921—.

**CARMA BALLIF....Instructor in Physical Education for Women
Assistant in Treasurer's Office**

B. S., Brigham Young University, 1927; Graduate work, University of Wisconsin; Assistant in Secretary's Office, 1927—; Instructor in Physical Education for Women, 1934—.

MARGARET SUMMERHAYS.....Instructor in Music

A. B., Brigham Young University, 1936; Graduate of New England Conservatory of Music, 1916; Student of Frederick H. Haywood, Mme. Sophie Cehanovske, Edmund G. Meyer; Special Instructor in Music at Brigham Young University, 1927-29; Instructor in Music, 1930—.

- EDNA SNOW**Instructor in Botany
 B. S., Brigham Young University, 1924; M. S., Brigham Young University, 1931; Graduate work, University of California and Columbia University; Instructor in Science, Brigham Young University, 1929-1936; Instructor in Botany, 1937—.
- C. LYNN HAYWARD***Instructor in Zoology
 B. S., Brigham Young University, 1927; M. S., Brigham Young University, 1931; Instructor in Fielding High School, 1927-30; Assistant in Zoology, Brigham Young University, 1930-31; Instructor, 1931—.
- GUSTAVE BUGGERT**Instructor in Music
 Graduate of Music School of Madgeburg, Germany; Instructor in Music, Brigham Young University, 1930—.
- MAY BILLINGS**.....Instructor in Home Economics
 B. S., Brigham Young University, 1933; Student of Columbia University, Utah State Agricultural College, University of California, Colorado Agricultural College, University of Utah; Instructor in Clothing, Latter-day Saints University, 1920-31; Instructor in Home Economics, Brigham Young University, 1932—.
- MAY C. HAMMOND**.....Supervisory Teacher in Elementary Training School
 B. S., Brigham Young University, 1934. Student at University of California and Columbia University; Instructor in Provo City Schools, 1923-25; Supervisory Teacher in Brigham Young University Training School, 1925—.
- GEORGIA MAESER**.....Supervisory Teacher in Elementary Training School
 B. S., Brigham Young University, 1928; Graduate work, Columbia University, Supervisory Teacher in Brigham Young University Training School, 1926—.
- GLADYS KOTTER**.....Supervisory Teacher in Elementary Training School
 B. S., Brigham Young University, 1930; M. S., Columbia University, 1935; Supervisory Teacher, Brigham Young University Training School, 1927—.
- FLORA D. FISHER**.....Supervisory Teacher in Elementary Training School
 B. S., Brigham Young University, 1936; Instructor in Utah State Industrial School, 1911; Instructor in Fillmore Public Schools, 1921-28; Instructor in

*On leave of absence.

Maori Agricultural College, New Zealand, 1919-21; Instructor in Provo City Schools, 1929-1933; Supervisory Teacher in Brigham Young University Training School, 1933—.

WILFORD D. LEE.....Instructor in English
A. B., Brigham Young University, 1934; Instructor in English, Brigham Young University, 1934—.

O. MEREDITH WILSON.....Instructor in History
A. B., Brigham Young University, 1934; Graduate work, University of London, 1936-37; Assistant in History, Brigham Young University, 1934-35; Instructor in History, 1935—.

JULINA SMITH.....Assistant Librarian
A. B., Brigham Young University, 1931; M. A., Brigham Young University, 1932; Graduate work, University of Utah, University of Oregon; Assistant Librarian, Brigham Young University, 1935—.

JOHN H. SMITH*.....Instructor in Economics
B. S., University of Pennsylvania, 1929; Assistant to General Manager in charge of Production Control, Schlage Lock Company, San Francisco, California, 1929-33; Sales and Merchandising, Liver Brothers Company, Salt Lake City, 1933-35; Instructor in Economics, Brigham Young University, 1935—.

HAROLD T. CHRISTENSEN*.....Instructor in Sociology
B. S., Brigham Young University, 1935; M. S., Brigham Young University, 1937; Graduate work, University of California at Los Angeles, 1937; Assistant in Sociology, Brigham Young University, 1935-36; Instructor, Brigham Young University, 1936—.

J. VERNAL STIMPSON.....Instructor in English
A. B., Brigham Young University, 1928; Graduate work, Brigham Young University, summers of 1929, '31, '33; Graduate work, Stanford University, 1934-35; Instructor in English, Juab High School, 1928-34; Instructor in English, Provo High School, 1935-36; Instructor in English, Brigham Young University, 1936—.

IRENE OSMOND.....Instructor in Modern Languages
A. B., Brigham Young University, 1929; M. A., Stanford University, 1934; Graduate work, Stanford University, 1934-36; Instructor in Modern Languages, Jordan High School, 1929-33; Instructor in Modern Languages, Brigham Young University, 1936—.

- ELDON DENNIS**.....Instructor in Geology
 A. B., Brigham Young University, 1929; M. A., Brigham Young University, 1931; Graduate work, Stanford University, 1932-1935; Assistant in Geology, Brigham Young University, 1935-1936; Instructor in Geology, Brigham Young University, 1936—.
- JOHN R. HALLIDAY***.....Instructor in Music
 A. B., Brigham Young University, 1935; M. A., Brigham Young University, 1936; Student State Academy of Music in Berlin, 1933-1934; Graduate work, University of California, 1937; Assistant in Music, Brigham Young University, 1934-1936; Instructor in Music, Brigham Young University, 1936—.
- JOHN H. WING**.....Instructor in Chemistry
 B. S., Brigham Young University, 1926; M. S., Brigham Young University, 1934; Graduate work, University of Colorado; Chemist for Columbia Steel Company, 1926-1927; Assistant Chief Chemist, Columbia Steel Company, 1927-1929; Chemist for the International Smelting and Refining Company, 1929-1931; Assistant in Chemistry, Brigham Young University, 1931-1937; Instructor in Chemistry, Brigham Young University, 1937—.
- THOMAS L. BROADBENT**Instructor in German
 A. B., Brigham Young University, 1936; M. A., Brigham Young University, 1937; Assistant in German, Brigham Young University, 1934-1936; Instructor in German, Brigham Young University, 1936—.
- ANTONE W. NISSON**.....Instructor in Science
 A. B., Brigham Young University, 1935; Graduate work, Brigham Young University, 1935-1937; Assistant in Science, Brigham Young University, 1935-1936; Instructor in Science, Brigham Young University, 1936—.
- AARON W. TRACY**Instructor in English
 A. B., Brigham Young University, 1919; Two and one-half years Graduate work, University of Chicago; Principal of Public Schools in Weber County, 1907-1910, 1911-1912, 1914-1917; Principal of Public Schools in Box Elder District, 1912-1913; Head of the English department, Weber College, 1919-1922; President Weber College, 1922-1935; Instructor in English, Brigham Young University, 1936—.

*On leave of absence.

EVAN M. CROFT.....Instructor in Office Practice

B. S., Brigham Young University, 1929; Graduate work University of Chicago, and University of California; Assistant in Commercial Education, University of Southern California, Summer of 1934; Instructor in Commercial subjects Lehi High School, 1929-1936; Instructor in Office Practice, Brigham Young University, 1936—.

ILEEN ANN WASPE.....Instructor in Office Practice

B. S., Brigham Young University, 1938; Instructor in Office Practice, L. D. S. High School and Business College, 1927-1929; Assistant in Office Practice, Brigham Young University, 1934-1936; Instructor in Office Practice, Brigham Young University, 1937—.

VERLA L. BIRRELL.....Instructor in Art

B. S. University of Utah, 1928; Student Chicago Academy of Fine Arts, 1930; Research work Columbia University, 1931; Student at Art Students' League, New York, 1931; at Art Institute, Chicago, 1932; study and travel in Europe, 1935; Instructor in Payson High School, 1927-1929; Instructor in Irving High School, Salt Lake City, 1929-1937; Instructor in Art, Brigham Young University, 1937—.

MORRIS M. CLINGER.....Instructor in Speech

A. B., Brigham Young University, 1932; Instructor in Speech and English, Richfield High School, 1932-1936; Assistant in Speech, Brigham Young University, 1936-1937; Instructor in Speech, Brigham Young University, 1937—.

FLOYD MILLET.....Instructor in Physical Education and Assistant Athletic Coach

A. B., Brigham Young University, 1933; Graduate work, Brigham Young University, Utah Agricultural College, University of Southern California; Instructor in Physical Education and Athletics, Davis County High School, 1934-1937; Instructor in Physical Education and Assistant Athletic Coach, Brigham Young University, 1937—.

JACK R. GIBB.....Instructor in Psychology

A. B., Brigham Young University, 1936; M. A., Brigham Young University, 1937; Graduate work, University of Chicago; Instructor in Psychology, Brigham Young University, 1937—.

NAOMA RICH.....Assistant Librarian

B. S., Brigham Young University, 1931; Certificate in Library Science, Riverside Library Service School, 1932; Librarian and Instructor in Office Practice, Bear River High School, 1927-1930; Librarian, Snow

College, 1933-1937; Assistant Librarian, Brigham Young University, 1937—.

MARY MCGREGORInstructor in Music
A. B., Brigham Young University, 1936; Assistant in Vocal Music, Brigham Young University Training School, 1936-1937; Instructor in Vocal Music, Brigham Young University Training School, 1937—.

L. ELLIOTT TUTTLE.....Supervisory Teacher Elementary
Training School
B. S., Brigham Young University, 1938; Instructor in Provo City Schools, 1932-36; Supervisory Teacher, Brigham Young University Training School, 1936—.

LILLIAN C. BOOTH.....Supervisory Teacher in Elementary
Training School
Normal Diploma, Brigham Young University, 1914; Student at University of Chicago, 1933. Teacher in American Fork Schools, and in Provo City Schools; Teacher in Brigham Young University Training School, 1917-1918, 1924-1925; Principal Elementary Grades American Fork Schools, 1936-1938; Supervisory Teacher in Brigham Young University Elementary Training School, 1938—.

JOSEPHINE STRONG.....Supervisory Teacher in Elementary
Training School
Student University of Utah and San Francisco State Teachers College; Instructor in Salt Lake City Schools, 1922-1923; Supervisor Chinatown Nursery School, San Francisco, California, 1934-1937; Supervisory Teacher Brigham Young University Training School, 1936—.

ARTHUR GAETHInstructor in History
Student of Political Science and European history in Europe, 1929-36; member of Executive Board of American Institute of Czechoslovakia, 1934-36; Instructor in History, Brigham Young University, 1937—.

HARRY SUNDWALL.....Instructor in Office Practice
B. S., Brigham Young University, 1934; Graduate work University of California; Graduate Gregg School, Chicago, 1936; Instructor in commercial subjects, North Sanpete High School, 1934-36; Instructor in Shorthand and Typewriting, Richfield High School, 1936-1937; Instructor in Office Practice, Brigham Young University, 1937—.

ANDREW A. ANDERSON.....Special Instructor in Scouting
Scout Executive National Parks Council; Special Instructor in Scouting, Brigham Young University, 1930—.

JOSEPH J. KEELER.....University Organist
Student of Karl Straube and Robert Teichmüller at Leipsic Conservatory, 1931-32; also at Royal College

of Music, London, 1933. Instructor in Piano and Organ, Brigham Young University, 1935—.

WELDON J. TAYLOR.....Instructor in Accounting and Business Administration

B. S., Brigham Young University, 1934; M. B., Harvard Graduate School of Business Administration, 1937; Clerk Federal Power Commission, 1935; Instructor in Economics, Brigham Young University, 1937-1938; Instructor in Accounting and Business Administration, 1938—.

A. SMITH POND.....Instructor in Economics

A. B., University of Utah, 1926; Graduate Student, Northwestern University, 1934-1936; Research Associate, Illinois State Tax Commission, 1936-1937; Instructor in Economics, Brigham Young University, 1937—.

HELEN ALLEMAN.....Instructor in Home Economics

B. S., Brigham Young University, 1932; Graduate Work, University of Washington and Utah State Agricultural College; Instructor in Home Economics, Alamo High School, 1932-1933; Instructor in Home Economics in Payson High School, 1933-1935; Instructor in Provo High School, 1935-1937; Instructor in Home Economics, Brigham Young University High School, 1937—.

KENNETH ALLRED Instructor in Mathematics

A. B., Brigham Young University, 1938; Assistant in Mathematics, Brigham Young University, 1937-38; Instructor in Mathematics, 1938—.

RALPH A. BRITSCH.....Instructor in English

A. B., Brigham Young University, 1933; Graduate work, Brigham Young University, 1936; Instructor in English and Speech, Gunnison Valley High School, 1933-1935; Instructor in English, Provo High School, 1936-1938; Instructor in English, Brigham Young University, 1938—.

A. JOHN CLARKE.....Instructor in Physics in High School

B. S., Brigham Young University, 1938; Principal of Barnwell Consolidated School, Canada, 1930-1937; Assistant in Chemistry, Brigham Young University High School, 1937-1938; Instructor in Physics, Brigham Young University High School, 1938—.

MARGARET BURTON.....Instructor in Physical Education
for Women

Student of the University of Utah and of the Utah State Agricultural College; also of the following specialists in the field of Physical Education and the

Dance: Doris Humphrey, Charles Weidman, Martha Graham, Hanya Holm, and Mary Wigman of New York; and of Von Laton and Kreutzburg of Salzburg, Austria. Instructor in summer courses at the Utah Agricultural College, the Brigham Young University. Instructor for nine years at the McCune School of Music and Art. Instructor in Physical Education for Women, Brigham Young University, 1938—.

ARIEL S. BALLIF.....Instructor in Sociology

B. S., Brigham Young University, 1925; M. A., University of Southern California, 1937; Graduate work, University of Southern California, 1936-1938; Teaching Fellow in Sociology, University of Southern California, 1937-1938; Instructor in Social Science, Madison High School, 1925-1926; Principal Maori Agricultural College, Hastings, New Zealand, 1927-1930; Principal Midway Seminary, 1931-1936; Instructor in Sociology, Brigham Young University, 1938—.

HAROLD W. LEE.....Instructor in French

A. B., Brigham Young University, 1938; Student of French in France, 1930-1933; Instructor in French, Alberta High Schools, 1933-1937; Assistant in French, Brigham Young University, 1937; Instructor in French, Brigham Young University, 1938—.

DEARWYN SARDONI.....Instructor in Training School Music

Assistant in Music in Training Schools, Brigham Young University, 1937—.

JAMES R. CLARK.....Assistant in Library

A. B., Brigham Young University, 1936; Principal, Lovell-Cowley Seminary, Wyoming, 1936-1938; Assistant in Library, Brigham Young University, 1938—.

THOMAS PETERSON.....Specialist, Extension Division

B. S., Brigham Young University, 1938; Secretary, Bureau of Visual Instruction, Brigham Young University, 1936—.

**DAVID M. CROWTON.....Instructor in Physical Education
and Athletics**

B. S., Brigham Young University, 1938; Assistant in Physical Education and Athletics in Brigham Young University Training Schools, 1937-1938; Instructor 1938—.

MARJORIE SEEGMILLER.....Assistant in President's Office

B. S., Brigham Young University, 1936; Assistant in President's Office, Brigham Young University, 1934—.

- EDMUND A. RICHARDSON**.....Assistant in Spanish
A. B., University of Arizona, 1928; Head of Spanish
Department, Patagonia Union High School, Arizona,
1929-35; Graduate work, University of Arizona and
Brigham Young University; Assistant in Spanish,
Brigham Young University, 1935—.
- MARY HAWKER**Clerk of Extension Division
Clerk of Extension Division, Brigham Young Uni-
versity, 1936—.
- MARY CALLAN**.....Assistant in Secretary's Office
B. S., Brigham Young University, 1938; Assistant in
Secretary's Office, 1938—.
- GEORGE H. SMEATH**.....Assistant in Horticulture
A. B., Brigham Young University, 1938; Assistant in
Horticulture, Brigham Young University, 1937—.
- OLIVER R. SMITH**.....Assistant in Extension Division
A. B., Brigham Young University, 1938; Assistant in
Extension Division, Brigham Young University,
1938—.
- BRIGHAM T. HIGGS**.....Superintendent Buildings and Campus
- KARL MILLER**,Assistant Superintendent
Buildings and Campus
- MORRIS SNELL, B. S.**.....Mechanic, in charge of Repairs
- RODNEY KIMBALL**.....Custodian of Athletic Equipment

SPECIAL INSTRUCTORS

- ELMER NELSON**, Instructor in Piano.
- HANNAH C. PACKARD**, Special Instructor in Vocal Music.
- RICHARD P. CONDIE**, Special Instructor in Vocal Music.
- GEORGE W. FITZROY**, Special Instructor in Piano.
- LYNN TAYLOR**, Special Instructor in Art.

STANDING COMMITTEES

The President is ex-officio a member of all committees.

Admission and Credits—J. E. Hayes, L. C. Bryner.

Aiding Graduates to Obtain Employment—E. M. Jensen,
H. V. Hoyt, the Deans.

Alumni Directory—Oliver Smith, Mary Callan, J. R. Clark.

Athletics—P. A. Christensen, J. W. Knight, H. R. Merrill,
K. B. Sauls, H. G. Ivins, President of Student Body, President
of Alumni Association, C. L. Jensen, Manager of Athletics,
E. R. Kimball.

Attendance and Scholarship—W. H. Boyle, Joseph K. Nicholes, Arthur Gaeth, May Billings.

Awards and Prizes—T. E. Pardoe, Franklin Madsen, C. J. Hart, Verla Birrell.

Campus—L. S. Morris, B. F. Harrison, B. F. Larsen, S. T. Shaw.

Care of Girls' and Women's Activities—Dean of Women, Effie Warnick, Hermese Peterson, Ileen Waspe, Irene S. Barlow.

Catalogue and Other Quarterlies—E. H. Holt, J. E. Hayes, K. B. Sauls, N. I. Butt.

Debating—O. M. Wilson, A. C. Lambert, Elmer Miller, A. J. Morley, A. W. Tracy, A. S. Pond, Weldon Taylor.

Eligibility—Milton Marshall, H. G. Ivins, J. E. Hayes.

Graduation—B. F. Cummings, Joseph Sudweeks, R. D. Law, E. M. Rowe.

Lectures and Musicals—J. C. Swenson, H. R. Clark.

Library—Alice L. Reynolds, M. W. Poulson, W. J. Snow, S. B. Sperry, J. V. Stimpson, Librarian.

Personnel—Russell Swenson, W. P. Lloyd, R. D. Law, A. C. Lambert, Jack Gibb, A. Johansen.

Petitions—S. T. Shaw, Gladys D. Black, D. E. Beck.

Publicity—H. R. Merrill, E. H. Holt, K. B. Sauls, J. M. Jensen, Elsie C. Carroll, R. A. Britsch.

Schedule of Events—Marjorie Seegmiller, G. de Jong.

Schedule of Classes—E. H. Holt, N. I. Butt, Edna Snow.

Social Affairs—Elmer Miller, G. H. Hansen, Dean of Men, Dean of Women, Margaret Burton, K. E. Young, and L. C. Bryner.

Social Units—Dean of Men, G. H. Hansen, G. De Jong, Thomas Broadbent, Leona Holbrook, A. S. Ballif, Registrar, Dean of Women, and Student Representatives.

Student Accommodations—W. B. Hales, W. H. Snell, P. P. Bigelow, Dean of Women, Thomas Broadbent, Floyd Millett.

Student Aid and Employment—Dean of Men, Dean of Women, Kiefer B. Sauls, H. V. Hoyt.

Student Publications—H. R. Merrill, B. F. Larsen, Irene Osmond, Naoma Rich.

University History—Alice L. Reynolds, J. M. Jensen, Ella L. Brown, N. I. Butt, Elsie C. Carroll.

Historical

The Brigham Young University, formerly designated the Brigham Young Academy, was founded by a deed of trust executed by President Brigham Young, October 16, 1875.

It is in charge of twelve trustees, elected triennially, by the vote of the Latter-day Saints, acting through the First Presidency of the Church of Jesus Christ of Latter-day Saints.

For many years it was dependent upon fees and the proceeds of the original endowment for its maintenance, but in recent years an annual church appropriation has been the chief source of its financial support.

Buildings. The first home of the institution was a mercantile building, standing on the present location of the Farmers and Merchants Bank.

Subsequently, this building, with several additions, was destroyed by fire. The school, however, resumed its sessions with the loss of but one day. The basement of the Stake Tabernacle, a store, and the First National Bank building, housed the school for a short time.

From these temporary quarters it moved into the upper story of the Z. C. M. I. warehouse, at the corner of Sixth South street and University avenue. This was the home of the school for seven years.

In 1891 the school moved to what is now known as the Education building, a structure costing \$75,000, made possible chiefly through the personal credit of President Abraham O. Smoot and his associates on the Board of Trustees.

The College building, a gift of ten persons whose names are upon a marble tablet in a hall of the building, was erected in 1898. The responsibility for raising the funds for this building was undertaken voluntarily by Reed Smoot, a member of the Board of Trustees.

The Training School building was built in 1902, the cost of which was met by the contributions of friends of the school, chief among whom was "Uncle" Jesse Knight.

The Art building was erected in 1904, a gift of the nearby stakes comprising what was known at that time as the B. Y. U. academic district.

The Alumni Association, in honor of Dr. Karl G. Maeser, presented the institution with the Maeser Memorial building in 1911. The cost of this building was \$112,000.00. "Uncle" Jesse Knight contributed liberally to the Alumni Association

in this project. The heating plant and furnishings were provided by the Church. This building was the first to be erected on University Hill.

The Women's Gymnasium, which is also a recreation building, was erected in 1913.

The Mechanic Arts building, a one-story structure, on University Hill, was erected in 1919.

The Heber J. Grant Library building, also on University Hill, was erected in 1925.

The last three named buildings were built by Church appropriations.

In 1935, two stories were added to the Mechanic Arts building to provide additional classrooms and laboratories. The name was changed to George H. Brimhall building.

During the year 1935-36 a Stadium House, on the west side of the football field was erected.

In 1937-1938, Allen Hall—a men's dormitory—was constructed at the corner of First East and Seventh North streets. This will accommodate seventy-five students.

Campus. The first campus of the school was limited to a small playground back of the building which was destroyed by fire. The present Education building was erected in the center of a block 24 by 24 rods.

Then came the purchase of University Hill. As early as 1904, steps were taken to acquire land on this site. A purchase of seventeen acres was made from Provo City. A gift of something over seven acres came from the Fourth ecclesiastical ward of Provo; part of an acre was purchased by an alumnus, and the point of the hill by the student body. Following a movement initiated by the Alumni Association, seventy-five acres was purchased in 1923-24. Since that time purchases have been made of other tracts not only on University Hill, but adjacent to and between the two campuses, until the area now comprises more than one hundred twenty-five acres.

Administration. The first faculty consisted of the principal and two assistants, Dr. Karl G. Maser, Dr. Milton K. Hardy, and Kristina Smoot. Dr. Karl G. Maeser served as principal until 1891, when he was called to the general superintendency of Church schools. Dr. Benjamin Cluff, Jr., succeeded Dr. Maeser and served as the executive head of the school until December 22, 1903. Dr. George H. Brimhall succeeded Dr. Cluff and served the institution as president until April 26, 1921, when he was made president-emeritus. On the same date Dr. Franklin Stewart Harris was appointed president, taking office July 1, 1921.

Educational Growth. The first credential granted by the institution was a teacher's certificate given on the completion of one year's normal work. This was followed by a certificate requiring two years' normal work, followed later by the degree of Bachelor of Pedagogy, issued upon the completion of four years' normal work. Later the Bachelor of Arts and Bachelor of Science degrees were authorized to be conferred upon the completion of the regular four years' college courses.

Master degrees have been authorized since 1918.

On February 11, 1909, by an action of the General Church Board of Education the collegiate department of the University was designated The Church Teachers' College.

At the beginning of the school year 1920-21, the name Church Teachers' College was changed to School of Education, and the School of Arts and Sciences was established. During 1921 a college of Commerce and Business Administration was organized and courses leading to a degree of Bachelor of Science outlined. The names, School of Education and School of Arts and Sciences, were changed to College of Education and College of Arts and Sciences. At the same time an Extension Division, a Research Division, and a Graduate Division were organized.

January 25, 1922, a college of Applied Science was established to include the departments of Agronomy, Animal Husbandry, Art, Auto Mechanics, Foods and Nutrition, Horticulture, Household Administration, Textiles and Clothing, and Woodwork. On April 21, 1935, a College of Fine Arts was established to include the departments of Art, Music and Speech.

During the year 1928-1929 the Y Stadium was completed, the name of the College of Commerce and Business Administration was changed to College of Commerce; and the Graduate Division was changed to Graduate School.

University Credits Recognized. The Brigham Young University is on the list of approved colleges of the Association of American Universities. It is also a member of the Northwest Association of Secondary and Higher Schools, the American Council on Education, and the Association of American Colleges.

ORGANIZATION

The Brigham Young University as now organized comprises:

1. A College of Applied Science
2. A College of Arts and Sciences
3. A College of Commerce
4. A College of Education
5. A College of Fine Arts

6. A Graduate School
7. An Extension Division
8. A Research Division

Elementary and Secondary Training Schools are maintained in connection with the College of Education.

DEPARTMENTS OF INSTRUCTION

Accounting and Business Administration

Agronomy

Animal Husbandry

Art

Bacteriology

Botany

Chemistry

Economics

Educational Administration

Elementary Education

English

Finance and Banking

Geology and Geography

History

Home Economics

Horticulture

Journalism

Landscape Architecture

Library

Marketing

Mathematics

Mechanic Arts

Modern and Classical Languages

Music

Office Practice

Physical Education

Physics

Political Science

Philosophy of Education

Psychology

Religious Education

Secondary Education

Sociology

Speech

Zoology and Entomology

1938

UNIVERSITY FEES

(All fees are payable in advance)

College and Graduate Students:

Registration fee for full year if paid at beginning of Autumn quarter	\$70.00
Registration fee for less than the full year, the quarter	25.00
Withdrawal deposit	1.00
Student activity fee, each quarter.....	5.00
(Or \$12.50 for the year if paid in advance)	
A gymnasium service fee, each quarter	1.00

Secondary Training School:

Senior High School—10th, 11th, 12th grades, the year.....	\$20.00
Activity fee	3.00
Gymnasium service fee, the year.....	.50
Junior high school—7th, 8th, 9th grades.....	10.00

Elementary Training School:

1st to 6th grades, the year.....	\$10.00
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Special Fees:

Late registration (after first week of each quarter).....	\$ 2.00
Special students (eight credit hours or less), for each hour	2.50
Special examinations, for each hour	2.50
(Provided the maximum fee in any one subject shall not exceed \$20.00)	

Graduation:

Degree	\$10.00
Normal Diploma	5.00

Special fees are charged for private instruction in Vocal and Instrumental Music, Speech, and some special courses in Art.

Breakage deposit is required in the department of Chemistry, and special laboratory fees in Bacteriology, Photography, Soil Fertility and Zoology. A special fee of \$5.00 is charged those who elect Secondary or Elementary Training.

STUDENT EXPENSES

The cost of books varies from \$5.00 to \$10.00 a quarter, depending upon the number and the nature of the courses elected.

Dormitory Facilities. Dormitories providing healthful and congenial living quarters for both men and women students will be available on a cooperative basis.

Allen Hall is available for men and provides every modern convenience. All accommodations are furnished, including furniture, bedding, and linen. The occupants do all the necessary work aside from the cooking, and pay the actual expenses of operation. This results in some saving to the occupants. Similar accommodations will be available for women students.

Applications to live in dormitories should be filed before the opening of school, and should be accompanied by a deposit fee of \$5. If the student decides later not to enter the University, the deposit fee will be returned.

Board and room in private homes costs from \$4.50 to \$6.00 per week. By renting rooms and boarding themselves, students are able to reduce considerably the cost of room and board.

If students desiring assistance will call on the Students' Accommodation Committee when they arrive in Provo, they will be directed to the kind of place they wish. When students desire to change boarding places, they are expected to call on and notify the chairman of this committee.

The University insists that boys and girls be housed separately. The boarding houses are inspected to see that accommodations are satisfactory. The University maintains a Cafeteria, where students may secure the noon meal at cost.

REFUNDS

No refunds will be granted to students who are requested to withdraw from the University because of scholarship or any other cause.

All students when paying fees are given official receipts from the Secretary's Office. These receipts must be presented before refunds are allowed. The students, therefore should exercise care that the receipts are not lost or mislaid.

All fees except \$5.00 will be refunded to any student in residence who withdraws during the first week of the quarter. One-half of all fees paid will be refunded to any student in residence who withdraws during the second or third week of the quarter. No refunds will be allowed after the third week.

ENDOWMENTS

The Jesse Knight Endowment Fund. On December 21, 1914, the late Jesse Knight made an endowment to the University of one hundred thousand dollars in six percent bonds. The interest payments on these bonds, together with the payments on bonds which have matured, have been placed at interest, and the cash credit on this account now represents approximately twice the amount of the original endowment.

The Brigham Young University Permanent Endowment Fund. June 4, 1929, the B. Y. U. Associated Alumni initiated a permanent endowment fund for the University. Some very generous contributions and subscriptions were made at this alumni reunion, and the work of building such an endowment has been carried forward by the alumni and school officials with very gratifying results. Members of the graduating classes since that time have shown a remarkably loyal spirit by subscribing to this fund.

LOAN FUNDS

The Emmeline B. Wells Relief Society Loan Fund. In honor of Emmeline B. Wells, the General Board of the Relief Society has established a loan fund to assist young women to complete their school work. The lending of this fund is under the supervision of the Deans' Council.

Student Loan Fund. The Sophomore class of 1922 established a loan fund to assist students to complete their school work. This fund is augmented each year, the Sophomore class assuming the responsibility for making an annual addition. The lending of this fund is under the supervision of the Deans' Council.

Gamma Phi Omicron Loan Fund. The Home Economics Club of the University (Gamma Phi Omicron) has established a loan fund to assist students of the Home Economics department. The lending of this fund is under the supervision of the Deans' Council.

Alpha Kappa Psi Loan Fund. The Alpha Kappa Psi has established a loan fund for senior students of the College of Commerce. The lending of this fund is under the supervision of the Deans' Council.

Federation of Women's Clubs Loan Fund. The First District Federation of Women's Clubs of Utah has established a loan fund to be lent to the senior girls of the University. The lending of this fund is under the supervision of the Dean's Council.

Christensen-Paulsen Loan Fund. The Christensen Construction Company of Salt Lake City has established a loan fund for the benefit of students who are in special need of assistance. This fund is under the direction of the Deans' Council.

ASSOCIATED STUDENTS

General Organization. This organization is composed of all students who attend Brigham Young University and is presided over by officers elected by them. It seeks to develop interest on the part of every student in all those activities which con-

tribute to a more democratic "Y" spirit, and to furnish opportunities for all students to participate in those activities which interest them most. Through this organization, student traditions are kept alive. All interclass and intercollegiate activities are encouraged and unified by this organization. Forensic, dramatic, and music activities are fostered by and are under its management and through it the students publish the school periodicals and also the University year book, the "Banyan." The organization also functions as an auxiliary of the school discipline.

Associated Women Students. This is an organization comprised of all girls registered in the institution. Its purpose is to aid and foster all girls' activities. This organization is also a member of the Western Division of the National Organization of Associated Women Students, which includes practically all of the universities and colleges in the United States.

The Presidents Club. This club is composed of the presidents of all clubs, units, classes or any other student organization upon the campus. Its purpose is to keep union and harmony in student activities by keeping the organizations united, and to maintain a student union, rather than cliquishness, and club consciousness. The President of the Associated Students presides over it and calls the club together whenever it is thought advisable by the Student Council.

Block "Y" Club. An organization of students who have won a Block "Y" in intercollegiate athletic or forensic competition. Its purpose is to foster the traditions of the school, keep alive the athletic and forensic spirit, encourage a true spirit of sportsmanship and to meet visiting teams of athletes or debators and help to encourage friendly relations with their institutions.

White Key. Women's honorary organization installed on the campus in 1933. Membership consists of girls outstanding in service, scholarship, and "pep." Its purpose is to foster university activities of merit and to render service to the associated students.

CLUBS AND SOCIETIES

To enlarge the educational and social opportunities of the university, units, clubs, and societies are organized. In these groups, the spirit of the institution is fostered, and democracy is especially encouraged.

SOCIAL-UNIT ORGANIZATION

The University recognizes proper social development as one of the important by-products of college training.

To provide suitable opportunity for the fulfillment of this purpose a Social Unit Organization has been adopted.

The plan provides that every student in the University shall belong to a social unit. These units include from twenty to thirty members, grouped on the basis of sex, social interest, and congeniality. The whole scheme is democratically controlled by the Social-Unit Committee, which consists of members from the faculty, classes, and other organized groups in the University. The Inter-Social-Unit Council, made up of representatives from each Social Unit, has jurisdiction over the internal affairs of the units, such as fees, costs of entertainments, etc.

The Social Units are doing much to keep alive the social ideals of the University and to perpetuate the democratic social traditions characteristic of the Student Body.

DEPARTMENTAL ORGANIZATIONS

This group of organizations has the specific purpose of bringing together persons of similar scholastic interests and of rendering their work more pleasurable and profitable. Each group will foster the activities of the department to which it is allied. The eligibility rules thereof will be such that any member of the department may qualify for membership by meeting the scholastic requirements imposed by the organization. The fees will be reduced to a minimum. Each organization will have a faculty advisor. The following departmental clubs and societies have been organized:

The "Ag" Club. This organization is open to all students of Agriculture, the purpose being to meet and receive instruction from men who have succeeded practically and scientifically in the agricultural work of the state. Social functions in conjunction with the Home Economics department are featured during the year.

David Starr Jordan Biology Club. This club aims to develop interests in all forms of biological study and has, for its major project, the building of a library of natural science literature. Some 250 volumes have been collected by club members. The increasing animal and plant collections of the department and the new laboratory at Utah Lake, offer interesting material for new students. Outside of resident students, the membership consists of faculty members, alumni and prominent townspeople.

Drama League. The purpose of this league is to foster the art of reading and dramatics, to appreciate paintings and music, and to give opportunity to its members to hear lectures and readings from the best talent of the state as well as those

who are on the lecture platform and the stage. The society meets weekly. It is affiliated with the Drama League of America.

French, Spanish, German, and Latin Clubs. Teachers and students interested in the study of French or Spanish or German or Latin are organized into clubs. These clubs meet twice a month and enjoy programs of songs, talks, reports, games, etc., in which the foreign language is the medium of speech. Membership is open not only to students but also to all people within easy reach of the University who have studied or are studying the modern languages. Membership privileges are especially extended to people of the community of French, German, Spanish or Spanish-American birth.

Gamma Phi Omicron. (Home Economics.) An organization of the advanced students majoring in some phase of Home Economics. Its purpose is to develop culture and scholarship among its members, and to lend its aid in establishing better homes and community life.

Home Economics Club. The club is organized to create a professional spirit among the students of Home Economics. Regular meetings are held at which interesting lectures are given. Special activities are fostered. All girls registered in Home Economics courses are eligible for membership.

Graduate Club. This club is an organization of the students of the University who are pursuing graduate study. The purpose of the organization "shall be to foster fellowship among its members; to stimulate a desire for higher learning; to assist in finding and developing leadership in the communities; and to use every effort to enhance the interests of the Brigham Young University." A student becomes a member automatically upon registration in the graduate division.

Literary Club. The purpose of this organization is to develop greater appreciation of good literature and to give opportunity for practice in oral and written expression. Carefully prepared lectures on literary topics and dramatic readings will be given by advanced students, members of the English faculty, and others.

"Y" Psychological Society. An organization to foster a better understanding of scientific psychology, and to supplement the regular courses of the department by affording the opportunity of discussing certain current problems by advanced students and outside speakers.

Studio Guild. This organization is for the benefit of students having special talent in any particular phase of fine art and applied art. Lectures on practical topics in connection with

arts and crafts are given by members of the faculty and other recognized educators. Exhibitions of artists' and of craftsmen's work are held under the auspices of this organization.

Yeshara—Women's Missionary Club. An organization of women students who have been engaged in active missionary service. Its purpose is to preserve the missionary spirit among the students and alumnae of the University and to render help where possible to women missionaries in the field.

The "Y" Chemical Society. An organization consisting of students interested in the field of chemistry. Meetings are held every alternate week, at which time lectures dealing with the outstanding problems in chemistry, or material intimately connected with this field are given by authorities on the specific subjects. Various excursions to the outstanding institutions of scientific value and interest in the state are sponsored.

International Relations Club. The purpose of this club is to stimulate interest in a clearer understanding of international problems and to develop a spirit of world helpfulness and peace. The club is sponsored by the Carnegie Endowment for International Peace. It is under the general supervision of the department of Political Science.

Omega Nu. The Omega Nu honorary journalism fraternity was founded in the autumn of 1935 to stimulate interest in journalism and to promote higher standards in the field.

Geographical Clubs are organized for the furthering of social enjoyment and the establishing of bonds of sympathy between the school and the home.

NATIONAL FRATERNITIES

Theta Alpha Phi. National professional dramatic fraternity. Co-educational. The Utah Beta Chapter was installed at this institution in 1924. The purpose is to foster artistic achievement in all of the arts and crafts of the theater.

Tau Kappa Alpha. Honorary national debating fraternity. Those who engage in inter-collegiate debating and oratory or who attain marked distinction in forensic activity are eligible to membership.

Alpha Kappa Psi. (Beta Delta Chapter.) A professional commerce fraternity the purpose of which is to foster studies in commerce, encourage scholarship and association between members and the commercial world. Male College of Commerce students are eligible for membership.

Beta Beta Beta. (Phi Chapter.) Installed January 31, 1931. An international honorary biological fraternity, which

emphasizes a three-fold program: Sound scholarship; dissemination of scientific knowledge; and promptness of biological research. All junior and senior students having twenty-four hours of biological credit are eligible for membership.

Phi Delta Pi. Women's National professional physical education fraternity. Xi Chapter installed November 21, 1931. Its purpose is to stimulate professional and scholastic interest in physical education.

Blue Key. The Blue Key national honorary leadership fraternity was chartered at the Brigham Young University in the spring of 1932. Its purpose is to foster Student Body projects of merit which cannot well be handled by any other organization. It is an upper-classmen organization, the membership of which is fixed at from twelve to twenty active members.

Sigma Pi Sigma. A national honorary Physics Society with the following objectives: (1) to stimulate high scholarship, (2) to create an interest in research and the advanced study of physics, and (3) to encourage friendship among the majors in the department. Installed May 2, 1936.

Delta Phi. A national honor fraternity whose membership on the "Y" campus is elected from those who have served as missionaries for more than six months. Its purpose is to foster spiritual activity, high ideals, fellowship and sociability. Regular programs and luncheons are conducted during the school year at which men of the Church and state are the principal speakers. The "Y" chapter is associated with like chapters at the Utah State Agricultural College and the University of Utah.

Phi Chi Theta. (Psi Chapter.) Installed March 12, 1938. A women's national professional fraternity. The purposes and objectives for which this fraternity is organized are to promote the cause of higher business education and training for women, to foster higher ideals for women in business careers, and to encourage fraternal cooperation among women preparing for such careers.

NON-STUDENT ORGANIZATIONS

B. Y. U. Women's Organization. The purpose of this organization is to foster the ideals of the institution and to help furnish recreation and social amusement for the faculty. A woman is eligible for membership in this organization and becomes a member on payment of dues provided that at the time she seeks admission she is either: (1) a present faculty member, (a faculty member is one who holds at least the rank of instruc-

tor); (2) a past faculty member; (3) a matron; (4) a board member; (5) the wife of a faculty member who has died in the service of the school; (6) the wife of a present faculty or board member.

Faculty Fine Arts Club. This club is organized to develop and maintain a closer cooperation among the members of the fine arts faculty; to increase the appreciation of each member for all arts; to keep the members aware of what is going on in the various fields of fine arts; and to encourage among the members original creation in music, literature, painting, etc.

SCHOLARSHIPS

Graduate Scholarships. A limited number of scholarships are available to graduate students who are prepared to render assistance in the various departments of the University. These scholarships are granted on the recommendation of the departments concerned with the approval of the President of the University.

Eliza A. Wallacott Scholarship. A scholarship for girls representing \$30.00 awarded annually through the recommendation of the President.

Van Wagenen Band Scholarship. For the encouragement of worthy students in the line of band music, Mr. Alma Van Wagenen of Provo has established an annual scholarship of \$50.00.

Junius M. Jackson Scholarship. An annual scholarship of \$75.00 to the most outstanding athlete at the end of the junior year, judged on the basis of athletic participation and scholarship, as determined by the Athletic Council and Registrar, awarded by Junius M. Jackson, President of the Jackson Motor Car Company of Salt Lake City.

Annual Commercial Contest Scholarships. Scholarships are awarded to winners of specified events in the Commercial contest for high school students held at the University each year.

The Oscar B. Young Prize. An award of \$50.00 given annually by Professor Kimball Young for the best essay on some phase of Mormon Community Life. The adjudication is under the supervision of the department of Sociology.

Mask Club Scholarship. An award of twenty-five dollars is given annually to the junior or senior of the Speech Department attaining the highest average in scholarship and excellence in Speech Arts. This award is given upon registration the following school year. The Dean of the College of Fine Arts and members of the speech faculty make the selection.

Speech Tournament Scholarships. The University awards two annual scholarships representing one year's tuition fees to two high school seniors attaining the highest degree of excellence in speech achieved in the Brigham Young University Speech Tournament. Character and scholarship record in the high school will also be considered in making the selection.

The Speech Department awards a quarter's free instruction in private speech to the student attaining highest excellence in dramatic art achieved in the Annual Speech Tournament. This private instruction may be taken from any member of the speech department staff.

AWARDS

Students eligible for these awards must be duly registered and carrying successfully at least ten hours of University work.

Provo Chamber of Commerce Medal. The Provo Chamber of Commerce presents annually a gold medal to the most efficient student in the University, based upon scholarship, social status, and public service.

The Elsie Chamberlain Carroll Medal. Mrs. Elsie Chamberlain Carroll presents annually a gold medal to the student (girl) of the University writing the best short story.

The Adams Gold Medal. Mr. and Mrs. Walter Adams present annually a gold medal to the most efficient student being graduated from the Music department whose major instrument is a stringed instrument.

The Taylor Gold Medal. Taylor Brothers Company presents annually a gold medal to the most efficient student being graduated from the Music department whose major instrument is the piano.

Alpha Kappa Psi Scholarship Award. Alpha Kappa Psi Fraternity awards annually the Alpha Kappa Psi Scholarship Medallion to the male student of the junior class in commerce who possesses the highest scholastic average for three years' work taken in this university.

The Dr. Horace G. Merrill Silver Loving Cup is awarded to the student of the University who shall attain first place in the annual Cross Country Run, held immediately preceding the Thanksgiving recess. Should a student win first place more than twice the cup becomes the property of such student.

The Woolley Gold Medal. Miss Mary Woolley presents annually a gold medal to the student giving the best rendition of a dramatic reading.

The Stein Gold Medal. Mr. J. Edwin Stein offers annually

a gold medal for the most efficient athlete. Efficiency is based upon the participation in athletics, scholarship, and social activity.

The R. R. Irvine Medal is presented annually for excellence in oratory, subject to be based upon some economic problem.

The Class of 1919 Gold Medal is awarded annually for excellence in vocal art.

The Noble Medal. Mrs. Hazel Noble Boyack offers annually a gold medal to the most efficient senior student enrolled in the Home Economics department. The selection of such student will be made by the faculty of the Home Economics department.

The Provo Drama Center, Mask Award. A prize of twenty-five dollars is given each year for the best one-act play of merit, on a Western or pioneer theme.

Provo Rotary Club Gold Medal. A gold medal awarded to the winner of an oratorical contest on some subject of international good will.

Studio Guild Medal. A gold medal is awarded annually by the Studio Guild for the best landscape painting done during the school year in any medium. Members of the Art department faculty and the officers of the Studio Guild make the selection.

Dramatic Service Awards. The Dramatic Art department awards annually a dramatic honor pin to each of three students who have given the most helpful service to the University and to the community during the year.

Egbert Gold Medal. Miss Anna Egbert gives a gold medal for the most efficient debater each year. The award is made in honor of her father, Robert N. Egbert.

Sigma Xi Award. The Society of Sigma Xi of the University awards annually a gold medal for the best piece of research done during the year by any student of the University.

I. E. Brockbank Award. Mr. Isaac E. Brockbank of Provo awards annually a cash prize of twenty-five dollars for the best production in art in any medium.

The Delta Phi Fraternity presents annually a gold medal for excellence in extemporaneous speaking.

Tau Kappa Alpha Fraternity presents two gold medals to the winners of the inter-class debate league.

Journalism Awards. Omega Nu, journalism fraternity, fosters annual contests in short story, feature article, essay,

verse, and news writing. Awards are donated by members of the Journalism Department faculty.

Graham Journalism Medal. Howard Graham annually gives a gold medal to be awarded to a student who has done exceptional journalistic service to the University.

Green Journalism Medal. Forace Green, graduate of the B. Y. U. Journalism Department, annually gives a gold medal to the outstanding Journalism graduate.

Sundberg Prize. Mrs. Flora Harvey Sundberg awards annually a cash prize to the most outstanding student in Religious Education.

DISCIPLINE

The maintenance of standards of honor, Christian integrity, and Latter-day Saint ideals is required. Within these limits the students are given the fullest freedom. Those who fail to conform to these standards either in personal habits or associations are subject to discipline.

The use of tobacco will not be permitted, and having improper associates or visiting places of questionable repute will not be tolerated.

All social functions given by any organization of the school are under the direction of the standing committee on socials. Any disciplinary announcement made by the executive of the institution becomes a part of these regulations. Violations of regulations makes the offender liable to suspension or expulsion.

Regular attendance is required at all recitations, laboratory and field work. The committee on attendance and scholarship has general supervision of the disciplinary work of the institution. Regular students who are not satisfactorily carrying at least ten hours work will not be allowed to remain in the institution.

FUNCTION OF THE MEDICAL DIRECTOR

The principal function of the medical director is to conduct the physical examinations of the students and to look after the general health conditions of the school. In addition all students have the privilege of free consultation with him at his University office during schedule office hours, or by appointment. He will gladly respond to all calls to investigate the presence of contagious diseases, but he cannot assume the responsibility of furnishing free treatment for such cases, as is done in schools where the students pay a medical or hospital fee. However, if

those students who are unable to pay for necessary service are reported, efforts will be made to see that they are taken care of. No charge will be made for first aid service to persons injured in athletic contests or other forms of school activities, except for material used.

DEAN OF WOMEN

The Dean of Women is charged with the general oversight of all women students, and is always ready to aid and advise them in matters pertaining to their university life. She will not only attend to the special needs of young women during school hours, but will use every precaution to see that they are properly cared for at their boarding places. All women students are required to leave a directory card with the Dean of Women when they register.

DEAN OF MEN

The Dean of Men is charged with the general oversight of all men students, and is always ready to aid and advise them in matters pertaining to their social, personal, and vocational problems. Assistance and advice is also available regarding employment and housing problems. All men students are required to leave a directory card with the Dean of Men when they register.

LIBRARY

The University Library contains more than 105,000 volumes and 50,000 pamphlets and bulletins. These publications cover all phases of human interest and offer opportunity to make intensive studies in almost any field of the sciences or arts. The library has for years been a Government Depository to receive all Government documents. These documents are all well classified and indexed. Besides the Government Documents the Library has nearly a complete set of all agricultural experiment station literature from every state in the Union. It regularly receives important state documents on education, history, politics and various other topics as they are issued by the different states, and is on the publication exchange lists of many of the colleges and universities of the United States and elsewhere. The Carnegie Institute of Washington, the Carnegie Peace Foundation, the Rockefeller Foundation, the General Education Board, the American Council on Education, the Milbank Memorial Fund, the Bell Telephone Laboratories and several of the large business organizations all supply technical and informative literature. The Library subscribes for such technical journals and magazines as are essential to a thorough college education, and it maintains its own book bindery.

Each year the Library strengthens itself along specialized lines through contributions of books to its special collections, of which the following are now being rapidly augmented:

B. Y. U. Women (Memorial) Collection—General.
Brimhall Collection—Theology.
Bennion Collection—Biography.
C. H. Carroll—Medicine.
Egbert Collection—Music.
Heber J. Grant—General.
Henning Collection—Archaeology.
Hinckley Collection—Geology.
Ivins Collection—The American Indian.
Jordan Club Collection—Biology.
Lund Collection—Music.
McKay Collection—Education.
Mask Club Collection—Dramatics.
Nelke Collection—General Literature.
Reynolds Collection—Literature.
Smith (F. W.) Collection—Chemistry.
Soros Club Collection (Memorial)—General.
Spilsbury Collection—Home Economics.
Talmage Collection—Science and Religion.
Whitaker Collection—Foreign Languages.
Whitecotton Collection—
Widtsoe Collection—Agriculture.

The Library is open each school day during the regular school year from 8 A. M., until 10 P. M.; on Saturday from 10 A. M., until 4 P. M.; and during the Summer Session from 7:30 A. M., until 9 P. M.

SPECIAL SCIENTIFIC AND ART COLLECTIONS

The Zoological and Entomological Collections of the University consist of a large series of identified vertebrate and invertebrate species of Utah and contiguous states. A complete series of the fish, amphibians, reptiles, birds and mammals of this region are to be found in the collection. The fish collection is especially rich in species and specimens from the Intermountain Region. The bird collection consists of about 3,000 skins, 1,000 of which were collected in the Magdalena River Valley of South America by Chester Van Buren in 1901-1903.

The Entomological collections consist of 190,000 specimens, the Tom Spalding Collection of Utah lepidoptera, the Chester Van Buren Collection of South American Butterflies, the Charles W. Leng Weevil Collection, the Charles Schaeffer Weevil Col-

lection, and many species of weevils from the Blatchley Collection form important portions of this collection.

These collections are being added to annually by means of collecting expeditions that are sent out to various parts of the Western United States.

The Botanical Collection includes a herbarium of liverworts, mosses and vascular plants; and also an extensive series of preserved algae, fungi, liverworts, mosses, ferns, and seed plants. There is also included a number of medical plants and a series of plant diseases.

The herbarium is made up principally of plants collected throughout the Western States, but many species from other regions are included. The collection of North American plants includes 125 families, 740 genera, and 2,110 species, represented by over 7,500 herbarium sheets. There is also a collection of plants from Siberia, obtained by President F. S. Harris in 1929, as well as a small group of plants from Europe and from South America.

The Geological Collections of the University consist of an unusually complete series of minerals and an interesting variety of fossils.

The minerals number many thousands and are representative of the great western mining districts together with hundreds of world localities of note. Part of this collection once represented the nucleus of the famous Deseret Museum collection of Salt Lake City.

The fossil series are representative of many western and typical world localities. Much of this material was also formerly a part of the Deseret Museum collection. The vertebrate collection is especially rich in original fossils and casts of the characteristic mammalian fauna that lived in the Western states during the immediate geologic past.

The Archaeological collections include a number of well prepared case exhibits of Utah Indian materials, including pottery, basketry, stone implements, wearing apparel and picture writings. It also includes a number of South Pacific Islands collections together with what is thought to be the finest South American collection of Indian pottery in the West.

The Fine Arts collection consists of drawings, paintings, sculpture, and art prints. The collection contains outstanding paintings and sculpture by Utah artists and also pictures by the following well-known painters: John F. Carlson, John E. Costigan, Elliot Dangerfield, Maynard Dixon, George Pearse

Ennis, Gordon Grant, Marie A. Hull, William Morris of England, Lee F. Randolph, George Taggart, and Anthony Thieme. The Fine Arts collection contains hundreds of reproductions of the work of master painters, sculptors, architects, craftsmen and illustrators.

GENERAL REQUIREMENTS FOR UNDER-GRADUATE WORK

ADMISSION

A student seeking admission to any of the colleges of the University must be a graduate of an accredited high school, or he must present sixteen units of approved high school work which must be acquired during four school years, or he must pass an examination in a sufficient number of subjects to make sixteen units. In no case shall fewer than twelve of the sixteen units be acquired during the last three years of high school. He must offer among his credits the following:

English	3 units
A principal group	3 or more units
A secondary group	2 or more units

The principal and secondary groups must be selected from either Mathematics and Science or from History and Social Science. At least one unit in Mathematics, either Algebra or Geometry, must be included in either the principal or the secondary group. If the principal group is from Mathematics and Science, the secondary group must be from History and Social Science, or vice versa.

To facilitate registration, a student seeking admission is requested to forward an official copy of his credits to the Registrar not later than September 1. If blanks for this purpose are not to be had at the local school, they may be obtained from the Registrar of the University.

In case a student is unable to furnish an official transcript of credits on or before the day of registration, he may be admitted tentatively, provided the committee on admission and credits is convinced he can furnish such transcript and otherwise meet the entrance requirements within thirty days. During this tentative period he will be rated as unclassified.

A student of twenty-one years of age or over, who has not completed sixteen units of high school work, but shows ability to do special work, may be admitted to any of the colleges of the University. Ability to do special work must be certified to by the heads of the departments concerned. He may pursue any course for which he has sufficient foundation, and will be

rated as an unmatriculated student. To become a candidate for a degree such student must meet the entrance requirements.

A student who has met the entrance requirements but who is carrying fewer than eight hours of work will be designated as a special student.

COURSE DIVISIONS

Undergraduate courses of study are divided into:

(a) Lower Division.

(b) Upper Division.

Lower Division courses are numbered in the catalogue from "1" to "49," Upper Division courses from "50" to "99." Graduate courses are given numbers above "100."

ELECTION OF STUDIES

The student, in electing his studies, should, with the advice and approval of the dean of the college in which he registers, elect such studies as are desirable. The major and minor, as well as the general, requirement for graduation should be kept in mind in electing studies. Four hours credit in Physical Education are required of all Freshmen. Should a resident student desire to take courses by correspondence or in extension classes, the approval of the student's dean must be secured, and the correspondence or extension work entered upon the regular registration card. Excess work taken by correspondence or extension classes not approved in this manner, will not be recorded for credit. Resident students of other institutions who apply for correspondence or extension class work, at this University, must have their proposed registration approved by the president of the institution in which they are registered. Students wishing to transfer correspondence credits from other institutions are subject to examination by the University department concerned.

At least five quarters of lower division work should be completed before the student registers for upper division work, unless in certain sequences the dean with the consent of the instructor advises otherwise. Included in the lower division work must be English 1, 2, 3; and for the A. B. degree twelve hours in foreign language work. It is recommended that as far as possible group requirements be completed by the close of the sophomore year.

CLASSIFICATION OF STUDENTS

A regular student with fewer than forty-five hours credit at the beginning of the school year will be classed that year as a Freshman.

A regular student with more than forty-five hours credit and fewer than ninety at the beginning of the school year will be classed during that year as a Sophomore.

A regular student with more than eighty-nine hours credit and fewer than one hundred thirty-five at the beginning of the school year will be classed during that year as a Junior.

A regular student with more than one hundred thirty-four hours credit at the beginning of the school year will be classed during that year as a Senior.

CREDITS

A student may have credit entered on the books of the University as follows: 1. For work done in the regular courses offered by the institution. 2. For work done in an accredited college when such credit is to be used for graduation from the University, the amount to be determined by the committee on credit. 3. By passing a satisfactory examination in any course offered by the University under the supervision of the head of the department concerned. Credits from other schools should be filed with the Registrar upon entrance.

Special examination for advance credit will be given only with the consent of the head of the department concerned, the dean of the college in which the student is registered, and the committee on credit.

An incomplete course of study must be completed during the next quarter of residence, provided the next quarter of residence is within one year; otherwise the course must be retaken in a class or a special examination taken to obtain credit.

A fee of \$2.50 per credit hour is charged for special examinations, provided the total fee for any one subject does not exceed \$20.00.

GRADUATION

GENERAL REQUIREMENTS

For a student to be admitted to candidacy for a diploma or a degree, his scholastic record must show that he has satisfied the entrance requirements, and that he can fulfill all the requirements for graduation on the completion of the courses for which he is registered. At the time of graduation each candidate must be properly registered in the University, and must have completed at least forty-five hours of work in residence.

The following graduation requirements apply to all candidates for a bachelor's degree from any of the colleges of the University:

Total amount of credit	186 hours
Requirement for a major	30 hours
Requirement for a minor	20 hours

Group Requirements:

Mathematics and Physical Science	12 hours
Biology and Psychology	12 hours
Social Science	12 hours
English and Foreign Languages	18 hours

Lower Division Courses Required:

English 1, 2 and 3.

Physical Education 1, 4, 5, 6.

A candidate for a Bachelor of Arts degree is required to furnish 24 hours credit in a foreign language. Shopwork, shorthand and typing will not be credited towards the A. B. degree.

Not more than 28 hours of "D" grade credit will be applied towards graduation.

Students who expect to be graduated at the end of the spring quarter should file application with their dean not later than the beginning of the winter quarter. All conditions must be removed not later than ten days before graduation.

Students who fulfill all requirements for graduation at the close of the Summer Session and who have filed application for graduation not later than thirty days preceding the close of the spring quarter may have their graduation certified to by the proper authorities of the University, but they shall not be publicly graduated until the annual commencement of the following year.

The University reserves the right to change the requirements for graduation and a candidate for graduation will be asked to comply with all changes which pertain to the uncompleted portion of his course. The University Council is the body authorized to prescribe requirements of graduation and to pass on candidates.

GROUP REQUIREMENTS

Ordinarily the object of the first two years of the University curriculum is to introduce the student to fundamental fields of human interest and to provide a broad basis for later specialization. In order that these purposes may be achieved, certain studies should be completed under the direction of the respective deans. Before a regular student will be permitted to register

for more than five quarter hours of upper division work during any one quarter, he must choose or be tentatively assigned to a major professor and have completed the number of hours prescribed in each of the following groups:

1. **Mathematics and Physical Science.** 12 hours. (Mathematics, Chemistry, Physics, Geology and Geography.) Not more than six quarter hours in one department may be counted in fulfilling this requirement. At least one of the courses taken must require no fewer than two hours of laboratory work each week.

2. **Biology and Psychology.** 12 hours. (Bacteriology, Botany, Zoology and Entomology, Psychology.) Not more than six quarter hours in one department may be counted in fulfilling this requirement. At least one of the courses taken must require no fewer than two hours of laboratory work each week.

3. **Social Science.** 12 hours. (Economics, History, Political Science, Sociology.) Not more than six quarters in one department may be counted in fulfilling this requirement.

4. **English and Foreign Languages.** 18 hours, at least 12 hours of which must be in English. This group must include English 1, 2, and 3. In case a student has credit for at least two units of foreign language taken in high school, this group may be reduced to 14 hours.

MAJOR AND MINOR REQUIREMENTS

At least sixty hours of upper division work must be furnished by students applying for graduation.

At the beginning of his college course, and in no case later than his Junior year each student should select his major professor who, in connection with his dean, will serve as his special faculty advisor. At the time of his graduation he must have completed no fewer than thirty quarter hours in the department in which he is majoring, and no fewer than twenty hours in a collateral or minor subject which meets the approval of his dean and his major professor. He must also satisfy any special departmental requirements announced in the catalogue.

In cases where the prospective graduate's high school and college work shows marked evidence of deficiencies in grade of scholarship, in breadth of training, or a preparation for probable future activity, the dean may use his discretion in prescribing certain specified courses to the extent of fifteen quarter hours according to the needs of the particular student.

STATE REQUIREMENTS FOR TEACHING CERTIFICATES

General High School Teaching Certificate. An applicant for the general high school certificate must show:

(1) That he has completed a standard college course of four years, or its equivalent.

(2) That he has a teaching major of at least thirty hours in one subject which is taught in Utah high schools, at least 15 hours of which must be in upper division work, and one teaching minor of eighteen hours in a subject which is taught in Utah high schools.

(3) That he has at least 13 hours of work in the following subjects allied to education: 3 hours in health education, 10 hours in ethics and sociology, or 5 hours in one of these subjects and 5 hours in political science or economics.

(4) That he has at least 27 hours in education, including at least 8 hours in secondary training, 3 hours in the organization and administration of secondary education, 3 hours in educational psychology, and 3 hours in guidance and personnel.

The additional credit in education may be selected from the following subjects:

Advanced Educational Psychology.

Social Psychology.

Social Education.

Statistical Methods.

Educational Tests and Measurements.

Special Methods.

History of Education.

Philosophy of Education.

First Class Elementary School Teaching Certificate. Beginning elementary school teachers will be required to hold the elementary certificate based on at least 3 years (135 hours) of approved normal school or college work. In the 135 hours there shall be included: 10 hours in English at least 6 of which shall be in English composition; 4 hours in language and literature for children; 6 hours in physical and health education, 3 hours in art, 3 hours in music, 27 hours in education to include 10 hours in training and at least 3 hours in each of the following education subjects:

Educational Psychology.

Elementary School Curriculum.

Principles of Education.

Organization and Administration of Elementary Schools.

There will also be included in the 135 hours, 10 hours in each of the following groups:

Social Science.

Biological Science.

Physical Science.

THE GRADUATE SCHOOL

All graduate work leading to higher degrees is now administered under the direction of the Graduate School.

Character of Graduate Work. The essential aim of graduate study is to develop the power to do independent work and to encourage the spirit of research. Each candidate for a higher degree is expected to possess a broad, general knowledge of his major and a fair degree of information in his minor subject.

Registration. All students pursuing graduate work are to be registered by the Dean of the Graduate School.

Students holding a Bachelor's degree equivalent to that conferred by the Brigham Young University will be admitted to graduate work without examination.

If during any quarter of the senior year a candidate for a baccalaureate degree finds it possible to complete all requirements for such degree with a registration of fewer than sixteen hours of undergraduate credit he may register with the Dean of the Graduate School for enough graduate credit so that the total registration shall not exceed sixteen quarter hours during such quarter.

Admission to graduate courses is granted only to those who have the requisite undergraduate work in those courses or departments. In order adequately to determine this fact the student should file with the Dean of the Graduate School an official transcript of his undergraduate courses at the time that he registers for graduate study.

Each graduate student must submit his course of study and the title of his thesis to his major professor and the Dean of the Graduate School for approval. Changes in registration may be made only with their consent.

Graduate credit is given under the following conditions: (1) The courses for which graduate credit is given must be definitely catalogued as courses carrying graduate credit. (2) Only those students who are eligible to receive graduate credit at the time a course is taken will receive graduate credit for such a course.

Admission To Candidacy. Registration for graduate study does not admit a student to candidacy for a higher degree. A

graduate student who has been in residence one quarter or more whose thesis subject has been approved, and who has given evidence of ability to do work of a graduate character may be admitted to candidacy for a higher degree by vote of the University Council. The mere accumulation of credits does not necessarily indicate ability to do graduate work. All applications for admission to candidacy for a higher degree should be made to the Dean of the Graduate School.

Requirements for the Master's Degree. Two higher degrees are offered: Master of Arts (M. A.), provided the candidate meets the foreign language requirement for the A. B. degree; and Master of Science (M. S.) if the candidate does not meet the foreign language requirement for the A. B. degree. A student may be admitted to candidacy upon the completion of the following requirements: (a) The candidate must, after securing a Bachelor's degree, furnish 45 hours of graduate credit, approved by the Dean of the Graduate School and major professor, in addition to 186 hours of college credit, and 16 units of high school credit. Beginning with the school year 1935-36 the candidate will also be required to be in residence three quarters. (b) A thesis must be submitted based on work done in some field of investigation within the major department, and which must show evidence of independent research. The final acceptance of the thesis shall be under the supervision of a committee to be known as the Thesis Committee. This Committee shall consist of the major professor and two other persons to be selected by him. The thesis must be completed at least ten days before the final examination. (c) At least fifteen days before graduation, the candidate must pass an oral examination to be given by a committee to be known as the Examining Committee. This Committee shall consist of five members including the Dean of the Graduate School, the major professor, and three other members to be selected by them.

The candidate shall furnish complete copies of his thesis to his major professor and to the Dean of the Graduate School at least five days before the date of the final examination. (d) A bound typewritten or printed copy of the thesis must be furnished the University library. Before the degree is granted the candidate must file with the Dean of the Graduate School a statement from the Librarian acknowledging the receipt of this copy. (e) A candidate for a Master's degree must secure a grade of "B" or above in three-fourths of his graduate work. No grade below "C" will count toward a Master's degree. (f) An applicant for this degree must furnish at least one-half of

his graduate credit in his major subject. The rest of the credit for this degree must be offered in work closely related to the major subject.

A maximum of nine (9) quarter hours of graduate extension credit may be applied toward a Master's degree provided such credit has been earned through the Extension Division of this University and has been approved by the Director of the Extension Division and the Dean of the Graduate School when the candidate registers for such credit. No credit earned in Correspondence courses can be applied toward a Master's degree.

A maximum of nine (9) quarter hours of graduate credit earned in another standard college or university may be applied toward a Master's degree, but in no instance shall such transferred credit, or any extension credit be accepted toward the fulfillment of the requirements for a Master's degree unless all such credit is closely integrated and related to the candidate's major field of study.

Under no circumstances shall a candidate be permitted to apply more than a maximum of fifteen (15) quarter hours of combined extension credit and transferred credit from other approved colleges and universities.

The use of extension credit and transferred credit for the Master's degree shall under no conditions modify the University requirement that a candidate for this degree must be in residence during three quarters.

A minimum of thirty (30) quarter hours of graduate credit must be secured in residence in this institution.

SCHOLARSHIP HONORS

In recognition of meritorious work, scholarship honors are granted to members of degree graduating classes in accordance with the following:

First. There shall be two degrees of honor: Graduation with Honor, and Graduation with High Honor.

Second. The awards shall be made on the basis of excellence shown in the upper division or graduate work done in the Brigham Young University.

Third. To receive the award of Graduation with Honor a student shall have a record of not fewer than thirty hours of upper division work showing "A" grade and not fewer than fifty hours of such work showing "A" and "B" grades.

Fourth. To receive the award of Graduation with High Honor a student shall have a record of not fewer than forty hours of upper division work showing "A" grade, and not fewer

than fifty-five hours of such work showing "A" and "B" grades.

Fifth. The number of graduates receiving honors shall not be greater in any year than one-fifth of the numbers of students graduating. In the event that more than one-fifth of the graduates shall meet the honor requirements set forth above, the students to receive honors shall be chosen as follows: The number of hours of "A" grade of each subject shall be multiplied by "1½," and the number of hours of "B" grade by "1." The one-fifth of the graduates receiving by this process the highest product totals shall receive honors.

Sixth. It shall be the duty of the Committee on Graduation to make selection of candidates in accordance with these provisions.

Seventh. The announcement of honor awards is to be made at the annual commencement exercises.

Term Honors. The University will post and publish at the close of each quarter of the regular school year the names of the one graduate student, the five senior college students (juniors and seniors, and the five junior college students (freshmen and sophomores) who have received the highest grades in classwork during the quarter.

Class grades are to be used exclusively in determining honors, except in case of a tie, when the general school activity of the student shall be considered. The basis of the computation shall be credit hours times grade; and an "A" shall count one and one-half times a "B."

Colleges

COLLEGE OF APPLIED SCIENCE

The aim of the College of Applied Science is to provide instruction in the scientific principles and technical operations pertaining to the farm, the home, the shop, and the professions, trades, and industries related to the same. Students may specialize in any one of the many fields of applied science and prepare for capable leadership and efficient service in their chosen lines.

The degrees, Bachelor of Science and Bachelor of Arts, are given to graduates of this College.

Majors may be selected from the following departments in the College of Applied Science: Agronomy, Animal Husbandry, Horticulture, Home Economics, Bacteriology, Animal Husbandry, Horticulture, Home Economics, Landscape Architecture, Mechanic Arts.

SUMMARY OF REQUIREMENTS FOR A TEACHING MAJOR IN HOME ECONOMICS

(To qualify for a vocational Home Economics Certificate)

Group and prerequisite requirements	66 hours
Clothing and Textiles, 1, 2, 3, 56, 60, 61, 65	21 hours
Foods and Nutrition 10, 11, 12, 50, 53, 54.....	22 hours
Household Administration 5, 53, 54, 60, 61, 62, 71, 72, 73, 80, 81, 82 or 78	26 hours
Education must meet State requirements.....	30 hours
Art 21, 25 and 26 or 28 and 29.....	6 hours
Physical Education	3 hours
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174 hours	

The 69 hours in Home Economics courses replace the major and minor requirements.

SUMMARY OF REQUIREMENTS FOR A TEACHING MAJOR IN AGRICULTURE

(To qualify for a Smith-Hughes certificate)

Agronomy 21, 41, 52, 60.....	14 hours
Animal Husbandry 1, 2, 5, 8, 9.....	17 hours
Botany 70	4 hours

Entomology 34	3 hours
Horticulture 1, 2, 3, 7, 32, 59.....	18 hours
Marketing 37	3 hours
Mechanics 1, 2, 6, 11.....	10 hours
Drawing 1, 4	4 hours
Landscape Architecture 21, 24	6 hours
Public Speaking 1	2 hours

State teachers requirements in education and psychology which must include: Secondary teaching 63 and 94.

The hours in agriculture and mechanics replace the major and minor requirements.

Group requirements	54 hours
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COLLEGE OF ARTS AND SCIENCES

The primary purpose of the College of Arts and Sciences is to meet the needs of students who desire a broad and liberal education that will enable them to find and take their places in the complex civilization of today. Abundant opportunity is provided for those who have ambition for specialized study in engineering, medicine, law; or who desire to train for religious, political or social leadership. Preparation for original investigation in the fields of this college is emphasized. Students who wish to build a foundation for advanced degrees will find this college rich in opportunity.

In order that the beginning student may receive adequate guidance in the selection of a course of study, this college has been divided, for purposes of freshmen and sophomore registration only, into the following divisions. Detailed suggestive courses may be obtained from the Dean on application.

Biological Science Division. For students with special interest in bacteriology, botany, psychology, and zoology.

Physical Science Division. For students with special interest in chemistry, geology, geography, mathematics and physics.

Social Science Division. For students with special interest in history, political science, sociology and economics.

Language Division. For students with special interest in English, French, German and Spanish.

General Course Division. For students who have as yet no special interest, but who need orientation.

This college also offers pre-engineering, pre-medical, and pre-legal courses as follows:

Pre-Engineering Course

Freshman Year: English 1, 2, 3; Chemistry 4, 5, 6; Mathematics 11, 12, 13, The rest of time from the following: Drawing 4, 5, 6; Physical Education 1, 4, 5, 6, or electives.

Sophomore Year: Mathematics 50, 51, 52; Physics 41, 42, 43; Surveying, and the rest of the time from the following: Drawing, Economics, and electives.

Pre-Medical Course

The following courses are required in a Pre-medical course: Chemistry 4, 5, 6, 71, 72, 73; Physics 41, 42, 43; English 1, 2, 3; German 1, 2, 3, 55, 56, 57; Zoology 11, 18, 55, 56, 71, 72; Bacteriology 21 and 22; Psychology 11; Sociology 1, 2, 3. Electives should be chosen from courses which satisfy group requirements.

Pre-Legal Course

Lower division students who contemplate the study of law should register for Political Science 1, 10, 11; Economics 1, 2, 14; English 1, 2, 3; and Physical Education 1, 4, 5, 6. They are also advised to register for work in American and English history, and in Sociology. Electives should be chosen from courses which satisfy group requirements.

At least by the beginning of the junior year students should select their major department and seek the aid of the major professor as well as the Dean in matters of registration. Students may select their majors from any of the following departments in the College of Arts and Sciences: Bacteriology, Botany, Chemistry, English, Geology and Geography, History, Mathematics, Modern and Classical Languages, Physics, Political Science, Psychology, Sociology, and Zoology and Entomology. The degrees, Bachelor of Arts and Bachelor of Science, are given to graduates of this College.

COLLEGE OF COMMERCE

The purpose of the College of Commerce is to provide training for leadership in finance and industry. Courses are so arranged that students will be given the training that will best fit them for analyzing business conditions, for efficiency in office administration, and for the demands of the industrial and financial world. The degrees, Bachelor of Science and Bachelor of Arts, are given to graduates of this College.

Majors may be selected from the following departments:

Finance and Banking, Accounting and Business Administration, Agricultural Economics, Economics, Marketing, and Political Science.

COLLEGE OF EDUCATION

The College of Education is one of the professional schools of the University. Its principal function is the training of teachers, principals, supervisors, and superintendents. This college aims to meet the requirements of the Utah State Board of Education for the various grades of elementary and high school certification and for certificates and diplomas in administration and supervision.

The College of Education is made up of two constituent divisions, namely: The departments of academic instruction, and the training schools.

The following departments are at present organized: Elementary Education, Philosophy of Education, Psychology, Educational Administration, Secondary Education, Religious Education, Physical Education.

In addition to the foregoing departments for majors and minors in the College of Education, students of this college may major in any department of the University, which department requirements they fulfill, provided they take at least thirty hours in professional and educational subjects.

Students who intend to qualify for teaching should declare their intentions of doing so at the beginning of their junior year, if they intend to teach in the high schools, or at the beginning of their sophomore year if they intend to teach in the elementary schools. Those who are preparing for high school teaching should also choose not later than the beginning of their junior year, a teaching major and a teaching minor in some of the departments of the University.

The degrees of Bachelor of Arts and Bachelor of Science are given to graduates of this College.

Training Schools—Two training schools are established: first, an elementary training school organized for practice teaching for those preparing for kindergarten and elementary school work; second, a secondary training school which offers training in the six years of high school and gives ample opportunity for practice teaching to advanced students.

Students who are planning to become teachers in the elementary schools will be required to take a three-year course leading to the normal diploma which is granted to students registered in the College of Education who complete three years of college work. One hundred thirty-five hours are required for

the Normal Diploma. The prescribed work for this diploma is as follows:

Elementary Education 3, 4, 50, 51, 52, 54, 55, 61, or 63; Art 41, 42, or 43; Music 41; Psychology 51; Zoology 58; English 1, 2, 3; Library 11; Speech 1, 4, or 11; Physical Education 1, 21, 22. Of the ten hours required in the Social Science group Sociology 11 or 55 is prescribed. In the Biological Science group, Bacteriology 21, and Botany, and in the Physical Science group, Geography 52 are prescribed. The other electives should be chosen with the advice of the head of the department of Elementary Education.

Only students of Junior standing will be permitted to take elementary training.

Those who complete the University's requirements for elementary teaching will receive, upon application, a diploma. These requirements include the minimum requirements prescribed by the state and, at the same time anticipate the requirement for a degree in Elementary Education which may be secured upon completion of one more year of carefully selected work.

The diploma is an endorsement of the students' fitness to teach in the elementary schools and will enable the student to secure a first class elementary school certificate from the Utah State Board of Education.

COLLEGE OF FINE ARTS

The policy of the University has always provided for a liberal patronage of the fine arts. A constantly growing desire to offer greater opportunities to those whose inclinations and talents lead them into this field resulted in the organization of the College of Fine Arts.

With an exceptionally well prepared faculty, who have received the benefits of extended study and travel in recognized art centers, and adequate physical equipment in each department, this college is able to do work of high scholastic standing.

Any course offered in this college, leading to a degree, is the cultural equivalent to other college courses differing from them mainly in respect to the emphasis placed upon the study of fine arts.

At present the following departments are fully organized: Art, Speech, and Vocal and Instrumental Music. Majors may be selected from the work offered by these departments. Graduates of this college may receive the degree of Bachelor of Arts or Bachelor of Science.

SUMMER SESSION

It is the policy of the Brigham Young University to make the summer session one of the regular quarters of the school year. A large corps of teachers, supplemented by well known educators from other institutions, offers a wide range of subjects from each of the departments of the school.

The summer session is divided into two terms so that students may be in attendance only part of the summer, if they desire, without hindrance to the completion of their courses. The first term is held on the Provo Campus, the second on the Alpine Campus to the east of Mount Timpanogos. This latter campus is located about fourteen miles from Provo at an elevation of nearly 7000 feet. Although a wide range of subject matter is taught on this campus it affords exceptionally fine conditions for the study of art and the natural sciences.

The summer session offers the opportunity to persons who are employed during the usual nine months of schooling to pursue graduate work, and to regular students the opportunity to complete requirements for graduation in a shorter time than four years.

LYCEUM COURSE

For many years the University has brought to its students distinguished men and women in lectures, in dramatic art, and in music.

During the past year the following appeared on the course:

Nicholas Roosevelt.....	Diplomat and Journalist (2 appearances)
Gerald Wendt.....	Chemist (2 appearances)
Jan Cherniavsky.....	Pianist (2 appearances)
Susan Ertz	Novelist
Mrs. Forbes-Robertson Hale.....	Actress and Author (2 appearances)
George Slocombe.....	Journalist
Wilbur Evans	Baritone
Ethan Colton.....	Political Observer
Luther King	Tenor
Mary Ellen Chase.....	Author
John Mulholland	Magician
William Rose Benet.....	Poet
Vilhjalmar Stefansson	Explorer
Robert Cesadesus	Pianist
Stuart Chase.....	Economist and Author
Salvador de Madariaga.....	Diplomat
Gaspar Cassado	'Cellist

Joseph Auslander	Poet
S. K. Ratcliffe	Journalist
Mischa Elman	Violinist
Percy Grainger	Pianist
Helen Jepson.....	Metropolitan Opera Soprano

Courses of Instruction

AGRONOMY

Professors Martin, Harrison, Stewart, Morris, Ivins, Shaw; Associate Professor Sudweeks, Assistant Professor Johansen

Students interested in the range management phase of forestry are advised to take the following courses:

Botany 1, 3, 60, 70, 80; Agronomy 21, 23, 41, 57, 73; Animal Husbandry 4, 5; Horticulture 3, 40; Landscape Architecture 20; Zoology 11, 30, 57; Surveying 1.

Lower Division Courses

21. **General Crops.** Winter. M. W. F., 1:30. (Lab. T. Th. 2:30-4:30.) Five hours credit. Shaw.

This course will deal with the fundamental principles underlying the production of crops. Selection, grading, judging and methods of protection will be studied.

23. **Forage Crops.** Fall Quarter. M. W. F. 10:30. Three hours credit. Harrison.

Native and cultivated grasses and other plants useful as forage are treated from the standpoint of their systematic classification, ecology, distribution, and relative value. Prerequisite: Botany 3.

40. **Weeds.** Winter. T. Th., 2:30. Two hours credit. Shaw.
(See Horticulture 40.)

41. **Soil Physics (General Soils).** Autumn. T. Th. F., 8:30. (Lab. F. 8:30.) Three hours credit. Martin.

A review of the physical, chemical and microbiological phase of soil study with emphasis on soil physics.

Upper Division Courses

50. **Advanced Cereal Crops.** Spring. T. Th., 1:30. Two or three hours credit. Shaw.

A technical course largely based on morphology and physiology of the grasses.

52. **Soil Chemistry.** Autumn. T. Th., 3:30. Two hours credit. Nicholes. (See Chemistry 54.)

This course deals with the chemistry problem as applied to soils. A study is made of the chemical analyses of soils, soil alkali, soil acidity and lease exchange, and certain rarer elements on the chemical characteristics and changes in the soils. Studies are also made on the role the rarer elements play in plant nutrition.

53. **Soil Chemical Analysis.** Autumn. M. W. F., 2:30-5:30. Three hours credit. Martin.

A laboratory course designed to accompany the lecture course in Soil Chemistry. Complete quantitative analyses are made of soils, fertilizers, and organic matter. Written reports and discussions of the chemistry involved will be part of the work.

54. **Conservation and Land Utilization.** Spring. Three hours credit. (See Geography 54.) (Not given this year.)

57. **Soil Classification and Survey.** Spring. T. Th., 8:30. Three hours credit. Martin. (Lab. F., 2:30-4:30.) (See Geology 57.)

A study is made of the influence of geologic forces and climatic environment on soil development, classification of soils based upon soil profile characteristics, and methods of the soil survey.

59. **Plant Breeding.** Winter. M. W. F., 1:30. Three hours credit. Morris. (See Horticulture 59.)

60. **Farm Management.** Winter. M. W. F., 1:30. Three hours credit. Ivins. (See Animal Husbandry 60.)

This course takes up the general consideration of farm management; types of farming, farm layout, farm capital, equipment, labor, tenancy, etc.

63. **Teaching of Agriculture.** Autumn. Three hours credit. Sudweeks. (See Secondary Education 63.)

70. **Range and Forest Soils.** One to four hours credit. Stewart and Martin. (Given by special arrangement.)

Nature and quality of soils as they occur on ranges and forests of the intermountain region. Advanced students admitted by application for thesis problem in field during spring, summer or autumn.

73. **Range Management.** Three hours credit. Spring. M. W. F., 10:30. Stewart and Shaw.

The management of Range Land will be studied with respect to soil erosion, flood, watershed, forage and timber production and livestock grazing.

75. **Geography of Agriculture.** Three to six hours of credit in proportion to amount of work done. Stewart and Martin.

A course dealing with the location and nature of agricultural development, including grazing, as determined by climate, topography, soil, water supply, transportation, markets and other geographic influences.

80. **Research in Biological Methods.** (See Horticulture 80.)

91. **Conservation of Plant and Soil Resources.** Four hours credit.

Stewart. Time to be arranged. Extra credit for additional work may be obtained.

This course consists of a study of the conservation problems related to water, soil, range, and forest and their influence on farm and community stabilization.

92. **Soil Microbiology.** Winter. M. W. F., 8:30. Three hours credit. Martin.

A lecture course designed to acquaint the student with bacteria in relation to soil fertility. Prerequisites: Bacteriology 21, and Agronomy 41, 52.

93. **Soil Microbiology.** Winter. W. F., 2:30-5:30. Two hours credit. Martin.

A laboratory course to accompany course 92. It will consist of a study of methods used in bacteriological investigation. Prerequisites: Bacteriology 22, and Chemistry 10, 11.

95. **Algae and Fungi of the Soil.** (See Bacteriology 95.)

96. **Seminar.** Autumn, Winter or Spring. One hour credit. Martin.

Current agronomic literature, agricultural problems. Assigned topics will be considered in the form of a round table discussion. Required of all seniors and graduate students majoring in agronomy.

97. **Research.** Seniors specializing in agronomy may elect research work from three to six hours. Time and credit to be arranged. Martin.

98. **Special Problems in Soils.** Winter or Spring. Credit and subject matter to be arranged. Martin and Shaw.

Algae and fungi activities in soil, fermentation, physical, chemical, and biological properties of native soils, nitrification, nitrogen-fixation and lignin protein complex studies are among the problems considered in the course. Type of problem selected is based upon the previous preparation of the student.

99. **Agricultural Literature.** A study of agronomic literature. Special problems and written reports. Time and credit to be arranged. Martin.

Graduate Courses

123. **Advanced Range Management.** Time and credit to be arranged. Stewart.

157. **Soil Classification.** Spring. T. Th., 8:30. Three hours credit. Martin.

170. **Range and Forest Soils.** Four or five hours credit. Stewart.

175. **Geography of Agriculture.** Time and credit to be arranged.

180. Agronomy. Research in Biological Methods. (See Horticulture 180.)
191. Western Land Problems. Spring. Three hours credit. Pond.
192. Soil Microbiology. Autumn. M. W. F., 1:30. Three hours credit. Martin.
193. Soil Microbiology Laboratory. Autumn. W. F., 2:30-5:30. Two hours credit. Martin.
195. Algae and Fungi of the Soil. (See Bacteriology 195.)
196. Seminar. Credit to be arranged.
197. Research. Time and credit to be arranged.
198. Special Problems in Soils. Time and credit to be arranged.
199. Agricultural Literature. Time and credit to be arranged.
200. Thesis. Credit to be arranged.

ANIMAL HUSBANDRY

Professor Ivins; Dr. Cullimore, Assistant Professor Johansen

Lower Division Courses

1. Elementary Stock Judging. Autumn. M. W. F., 1:30-4:30. Three periods of three hours a week. Three hours credit. Ivins.

This course consists of a study of the market types and classes of live stock. Field trips will be made to farms of the country where practice in scoring and judging of animals will be done.

2. History of Breeds. Spring. Daily, 9:30. Five hours credit. Ivins.

All breeds of live stock will be studied. Emphasis will be directed to the condition under which the breeds were formed, the men who did the work, and the adaptability of the breed to western conditions.

4. Beef Cattle Husbandry. Autumn. T. Th., 9:30. Two hours credit. Ivins.

This course is a consideration of the types and breeds, feeds, care and management of beef cattle for western conditions. The student will be made familiar with beef animals by frequent field trips.

5. Sheep Husbandry. Winter. T. Th., 9:30. Two hours credit. Ivins.

Types and breeds of sheep will be reviewed followed by study of the management, care and feeding of sheep, both on the range and on the farm.

6. **Swine Husbandry.** Winter. T. Th., 10:30. Two hours credit. Ivins.

Types, breeds and management of swine and their place on western farms. Emphasis will be put on their relation to dairy farming.

7. **Feeding of Farm Animals.** Spring. M. W. F., 10:30. Three hours credit. Ivins.

A study of the chemical composition of feeds, the needs of the animal body, the compounding of rations and methods of practice in feeding.

8. **General Poultry.** Winter. M. W. F., 9:30. Three hours credit. Ivins.

A study of breeds, judging, breeding, incubating, brooding, housing, feeding and marketing.

9. **Diseases of Farm Animals.** Autumn. M. W. F., 1:30. Three hours credit. Ivins. (Not given this year.)

A study of the anatomy of farm animals, of the common diseases of horses, cattle, sheep, hogs, and poultry; their causes, prevention, and treatment.

21. **Elements of Dairying.** Autumn. M. W. F., 8:30. Three hours credit. Ivins.

A general survey of dairying and its relation to Utah agriculture; the secretion, composition and properties of milk; the conditions that affect quantity and quality of milk; use of milk as human food.

Upper Division Courses

50. **Horse Husbandry.** Spring. T. Th., 1:30. Two hours credit. Ivins.

A brief study of breeds of horses. Discussion of problems of feeding and management, with special emphasis on care and training of the American Saddle horse.

51. **Animal Breeding.** Autumn. M. W. F., 10:30. Three hours credit. Ivins.

Principles, practices, and methods involved in the breeding and development of domesticated animals. Mendelism in animals, transmission, heredity, value of pedigree, systems of breeding, etc. Prerequisite: Zoology 78, or Botany 80.

59. **Types and Breeds of Poultry.** Autumn. T. Th., 1:30. Two hours credit. Ivins.

A study of the popular breeds of domestic fowls, their origin, classification, methods of mating and breeding. Designed especially for students planning to engage in Smith-Hughes and club work.

60. **Farm Management.** Winter. M. W. F., 1:30. Three hours credit. Ivins.

This course takes up the general consideration of farm management, with special attention to livestock on the farm.

65. **Animal Physiology.** Spring. M. W. F. Laboratory, T., 1:30-4:30. Five hours credit. Cullimore. (See Zoology 65.)
81. **Milk and Milk Products.** Winter. M. W. F., 10:30. Three hours credit. Ivins.

A course dealing with the properties, composition, and constituents of milk, the manufacture and marketing of milk products. Prerequisites: Animal Husbandry 21 and one year of bacteriology.

91. **Dairy Survey.** Winter. Time to be arranged. One hour a week. One hour credit. Ivins.

A study of current literature and experiments in dairy work. Each student will be expected to make reports on various subjects in this field which will be discussed by the class.

92. **Seminar.** Spring. Time to be arranged. One period a week. Ivins.

Current literature and problems in the field of Animal Husbandry will be studied and discussed. Required of all seniors who major in Animal Husbandry.

98. **Experimental Animal Nutrition.** Open to seniors and graduates only. Prerequisites: 5 hours in organic or bio-chemistry, and Animal Husbandry 7. This course is designed to acquaint students with the methods used in small animal experimentation. One hour lecture. Laboratory time and credit to be arranged. Johansen.

Graduate Course

110. **Research in Nutrition.** Time and credit to be arranged. Ivins and Johansen.

Open to graduates only, major or minor. Designed for students in Animal Husbandry and Home Economics who desire to get acquainted with the problems of nutrition.

ART

Professor Larsen; Assistant Professors Jensen, Snell; Miss Birrell.

Students majoring in Art are required to take courses 1, 7, 8, 9, 11, 12, 13, 14, 21, 38, 39, 40, 52, 53, 74. Those preparing to teach Art should take 25, 26, 28, 29, 54 additional.

Lower Division Courses

1. **Art Appreciation.** Autumn. T. Th., 1:30. Two hours credit. Birrell.

Foundational principles of art introduced as means for the general appreciation of beauty in nature and in the creations of the artist. Illustrated orientation lectures related to historical art development.

7. **Graphic Representation.** Autumn. M. W. F., 2:30. Two hours credit. Larsen.

Object drawing in various media. Emphasis upon tone study in charcoal and upon mass media. Linear and circular perspective.

8. **Graphic Representation.** Winter. M. W. F., 2:30. Two hours credit. Larsen.

Emphasis upon drawing from still life, the cast, and the costumed model. Objective composition.

9. **Illustration.** Spring. M. W. F., 2:30. Two hours credit. Larsen.

Figure and Landscape Composition with various media.

- 11, 12, 13. **Water Color Painting.** Autumn, Winter, Spring. T. Th., 10:30. Two hours credit each quarter. Birrell.

Pictorial composition emphasized. Theory of color scheming. Standard methods of rendering introduced. Still life painting. Objective representation and landscape composition emphasized.

- 14, 15, 16. **Commercial Art.** Autumn, Winter, Spring. T. Th., 1:30. One or two hours credit each quarter. Jensen (See Marketing 14, 15, 16.) Art 11, 12, and 13 recommended as parallel courses.

Show card writing, poster designing, advertising arrangement.

21. **Theory and Practice of Design.** Autumn. M. W. F., 1:30. Two hours credit. Larsen. (See Drawing 1.)

Rhythm, balance, harmony, and other foundational principles. Color study. The principles of design and color theory that are fundamental to the other courses in this department.

- 25, 26. **Applied Design.** Winter and Spring. T. Th., 3:30-5:30. Studio hours to be arranged. Two hours credit. Birrell.

The principles of creative design as applied to the textile arts and ceramics and various crafts. Theory of color adapted to creative design. Motif application of motif drawing. Prerequisite: Art 21.

28. **Home Planning.** Winter. M. W. F., 1:30. Two hours credit. Larsen.

Art principles applied to house planning. Historic development of the house. Study of common types of American homes. Relation of house and garden. Study of line, form and color.

29. Interior Decoration. Spring. M. W. F., 1:30. Two hours credit. Larsen.

The study of the art principles as applied to the decoration and the furnishing of the home.

38. Outdoor Sketching. Autumn. M. W. F., 3:30 to 5:30. Two hours credit. Larsen.

Study of landscape elements and landscape composition.

39. Still Life and Figure Painting. Winter. M. W. F., 3:30 to 5:30. Two hours credit. Larsen.

Pictorial composition emphasized.

40. Outdoor Sketching. Spring. M. W. F., 3:30 to 5:30. Two hours credit. Larsen.

- 41, 42, 43. Art for Elementary School Teachers. Autumn, Winter, Spring, M. W. F., 3:30. One to three hours credit each quarter. Jensen.

Simple drawing and painting with various media. Methods of teaching and integrating art with the other subjects will be stressed.

Upper Division Courses

52. Art History and Appreciation. Winter. T. Th., 1:30. Two hours credit. Birrell.

Prehistoric structure, sculpture, graphic art and decoration. Interpretation and classification of masterpieces of architecture, sculpture, graphic arts, ornament and painting to the end of the middle ages.

53. Art History and Appreciation. Spring. T. Th., 1:30. Two hours credit. Birrell.

Renaissance architecture, sculpture, graphic arts, ornament and painting. Emphasis upon schools of painting beginning with the Primitive Florentine down to those of the nineteenth century. Illustrated lectures.

- 54, 55. Methods of Teaching Art. Autumn, Winter. M. W. F., 9:30. Three hours credit. Birrell. Two hours credit given by Department of Education on Art 54.

Course of study planning. Survey of art mediums, materials, and tools best adapted especially to the secondary school level. Application problems adapted to student's needs.

- 57, 58, 59. Interpretative Drawing. Autumn, Winter, Spring. M. W. F., 2:30. Two hours credit. Larsen.

Figure and nature compositions in various media. Head, life, and the costumed model emphasized.

- 61, 62, 63. Commercial Art. Autumn, Winter, Spring. T. Th., 1:30. Studio hours to be arranged. Two to four hours credit each quarter. Jensen.

Poster designing and lettering. Systems of lettering. Sign writing introduced. Historical alphabets. Prerequisites: Art 14, 15, 16, 17, 18, 19.

64. Water Color Painting. Autumn. M. W. F., 3:30 to 5:30. Two to four hours credit. Larsen.

Objective landscape and still-life painting. Emphasis upon composition in line, mass and color. Theory of color scheming continued. Out-door sketching.

65. Water Color Painting. Winter. M. W. F. 3:30 to 5:30. Two to four hours credit. Larsen.

Illustrative and decorative landscape painting emphasized. Color theory applied.

66. Water Color Painting. Spring. M. W. F., 3:30 to 5:30. Two to four hours credit. Larsen.

Continuation of Art 65. Outdoor sketching. Individual expression emphasized.

67. Oil Painting. Autumn. M. W. F., 3:30 to 5:30. Two to four hours credit. Larsen.

Emphasis upon landscape painting.

68. Oil Painting. Winter, M. W. F., 3:30 to 5:30. Two to four hours credit. Larsen.

Painting from still life and the costumed model.

69. Oil Painting. Spring, M. W. F., 3:30 to 5:30. Two to four hours credit. Larsen.

Outdoor sketching and landscape composition.

70. Painting. Spring. Time to be arranged. One or two hours Credit. Larsen.

Drawing and painting from life in various media.

- 74, 75, 76. Advanced Design. Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. Birrell.

Craftswork emphasized.

- 78, 79. Home Planning and Interior Decoration. Winter and Spring. M. W. F., 1:30. Two hours credit each quarter. Larsen.

- 91, 92, 93. Interior Decoration. Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. Larsen.

History of Interior Decoration. Emphasis on period furnishings. A practical study of the manufacture, design, installation and care of all mediums and materials used in interior decoration and home furnishings. Practical problems in interior decoration. Prerequisites: Art 21, 28, 29. (See Household Administration 52, 53, 54.)

Graduate Courses

- 114, 115, 116. Commercial Art. Autumn, Winter, Spring. T. Th., 1:30. Two hours credit. Jensen.
- 124, 125, 126. Advanced Design. Autumn, Winter, Spring. T. Th., 9:30. Birrell.
- 151, 152, 153. Nineteenth and Twentieth Century Art. Autumn, Winter, Spring. T. Th., 9:30. Two hours credit. Larsen.
Appreciative interpretation of important works of art. Impressionism and modernist experiments in Europe and America. The development of American art. Brief survey of Utah art. Contemporary artists and their work.
154. Advanced Normal Art Method. Autumn. M. W. F., 9:30. Three hours credit. Larsen and Birrell.
- 157, 158, 159. Interpretative Drawing and Painting. Autumn, Winter, Spring. 2:30. Two hours credit. Larsen.
Composition study in various media.
- 164, 165, 166. Water Color Painting. Autumn, Winter, Spring. M. W. F., 3:30 to 5:30. Two to four hours credit each term. Larsen.
Pictorial composition emphasized. Development of individual expression.
- 167, 168, 169. Pictorial Composition—Painting. Autumn, Winter, Spring. M. W. F., 3:30 to 5:30. Two to five hours credit. Larsen.
170. Painting. Spring. Time to be arranged. One or two hours credit. Larsen.
Drawing and painting from life.
- 191, 192, 193. Interior Decoration. Autumn, Winter, Spring. T. Th., 9:30. Larsen.
200. Research. Autumn, Winter, Spring. W., 3:30. Credit to be arranged.

BACTERIOLOGY

Professor Martin; Assistant Professor Bryner; Dr. Oaks, Miss Snow.

21. General Bacteriology. Autumn or Winter. M. W. F., 2 sections, 9:30. Martin and Snow. Spring, 1 section at 9:30, 1 section 10:30. Snow. Three hours credit.

The course will consist of a study of the general characteristics and activities of microorganisms and their relation to man.

22. **General Bacteriology Laboratory.** Autumn, Winter or Spring. Sec. 1. M. W. Sec. 2. Autumn, Winter, T. Th., 1:30-4:30. Two hours credit. Martin and Snow.

Laboratory course in general bacteriology, designed to accompany Bacteriology 21.

Upper Division Courses

62. **Bacteriology of Milk.** Winter. Laboratory 1:30-4:30, M. W., and one class period to be arranged. Three hours credit. Martin. (Not given for fewer than five students.)

Attention is given to the bacteria of milk and milk products in general, and their relation to disease. Prerequisites: Bacteriology 21 and 22, and Animal Husbandry 21.

71. **Bacteriology of Fermentation.** Winter. M. W. F., 10:30, and one laboratory period. Four hours credit. Bryner.

A study of the industrial applications of bacteria, including yeast, lactic, butyl isotonic, citric acid and other fermentations. Prerequisites: Bacteriology 21 and 22, and Chemistry 71.

73. **Physiology of Bacteria.** Autumn. M. W. F., 8:30. Three hours credit. Bryner.

A study of the effect of environment on growth of bacteria.

81. **Pathogenic Bacteriology.** Spring. M. W. F., 8:30. Three hours credit. Oaks and Martin.

An advanced course in bacteriology designed for those desiring information about human diseases and who are preparing for the professions of nursing, public health, dietetics and medicine.

82. **Pathogenic Bacteriology Laboratory.** Spring. T. Th., 2:30-5:30. Two hours credit. Martin.

Designed to accompany Bacteriology 81.

92. **Soil Microbiology.** Winter. M. W. F., 8:30. Three hours credit. Martin.

A lecture course designed to acquaint the student with microorganisms in relation to soil fertility. Prerequisites: Bacteriology 21 and Agronomy 41, 52.

93. **Soil Microbiology Laboratory.** Winter. W. F., 2:30-5:30. Two hours credit. Martin.

A laboratory course to accompany Bacteriology 92.

It will consist of a study of methods used in bacteriological investigation. Prerequisites: Bacteriology 21, 22, and Chemistry 10.

95. Algae and Fungi of the Soil. Autumn. M. W., 2:30-4:30. T., 8:30. Three hours credit. Martin and Snow.

A course designed to acquaint the student with the types of algae and fungi which inhabit the soil.

96. Seminar. One hour credit each quarter. Martin, Oaks and Snow.

98. Special Problems in Bacteriology. Credit, time and subject matter to be arranged. Martin, Oaks and Snow.

Problems having to do with determinative bacteriology, algae and fungi activities in soil fermentation, disinfection and antiseptic studies, organisms which infect the nose and throat, food and fomite studies will constitute the burden of the course. Type of problem selected will be based upon the previous preparation of the student.

Graduate Courses

171. Bacteriology of Fermentation.
 173. Physiology of Bacteria.
 181. Pathogenic Bacteriology.
 182. Pathogenic Bacteriology Laboratory.
 192. Soil Microbiology.
 193. Soil Microbiology Laboratory.
 195. Algae and Fungi of the Soil.
 196. Seminar.
 197. Research.
 198. Special Problems.
 200. Thesis. Credit to be arranged.

BOTANY

Professors Harrison, Stewart, Morris; Miss Snow.

Students majoring in Botany should present credit in Botany 1, 3, 21, 50, 51, 52, 54, 60, 70, 80, 95.

Students who desire to teach biology in high school may select a major in either the Botany or Zoology department. The following courses should be completed as a minimum: Botany 1, 2, 3, and 60. Bacteriology 21. Zoology 11, 18, 30, 57 or 59, 65, and 66.

Students interested in range management should take the following courses: Botany 1, 3, 60, 70, and 80. Agronomy 21, 23, 41, 57, 73. Animal Husbandry 4 and 5. Horticulture 3, 40. Landscape Architecture 20, Zoology 11, 57. Entomology 30. Engineering 1.

Lower Division Courses

1. General Botany. Autumn, Winter, T. Th., 9:30; Spring. T. Th., 10:30. Laboratory, Sec. 1, T. Th., 1:30 to 3:30; Sec. 2, 3:30 to 5:30; Sec. 3, W. F., 3:30 to 5:30. Four hours credit. Harrison and Snow.

Course dealing with the fundamentals of the structure, physiology, and reproduction of plants. Prerequisite course to further work in the field of plant life. Also recommended for the non-science student.

2. General Botany. Winter. T. Th., 10:30. (Lab. F. 1:30 to 4:30.) Three hours credit. Snow.

An introduction to members of the plant kingdom exclusive of the seed-plants. The habitat, structure, and life-history of members of a representative series of algae, fungi, mosses, and ferns are considered.

3. Classification of Plants. Spring. M. W. F., 2:30 to 5:30. Four hours credit. Harrison.

The classification of seed plants and ferns of the Wasatch region to acquire a familiarity with the general principles of systematic botany, to learn the distinctive characteristics of the larger groups of plants, and to develop skill in the use of manuals.

8. Trees and Shrubs. Autumn. T. Th., 8:30. (Lab. 2:30 to 5:30.) Three hours credit. Morris. (See Horticulture 8.) (Not given this year.)

9. Trees and Shrubs. Spring. T. Th., 8:30. (Lab. 2:30 to 5:30.) Three hours credit. Morris. (See Horticulture 9.) (Not given this year.)

21. Anatomy. Autumn. M. W. F., 1:30 to 3:30. Three hours credit. Harrison.

An introductory course in the origin, development, and maturation of the structures of vascular plants. Prerequisite: Botany 1.

25. Plant Histology. Winter. Time to be arranged. Three hours credit. Harrison.

A laboratory course in the technique of preparing, cutting, staining, and mounting tissues for microscopic examination. Prerequisite: Botany 1.

Upper Division Courses

50. Morphology of Algae. Autumn. T. Th., 8:30. (Lab. F., 1:30-4:30.) Three hours credit. Snow.

A study of the morphology, life histories, classification and relation of the main groups of algae. Prerequisite: Botany 1.

51. **Morphology of Fungi.** Autumn. T. Th., 8:30. (Lab. W. F. 2:30 to 4:30.) Three hours credit. Harrison. (Not given this year.)

A study of the development, morphology, and relationships of representative fungi. Prerequisite: Botany 1.

52. **Morphology of Bryophytes, and Pteridophytes.** Winter. T. Th., 8:30. (Lab. T. Th., 1:30 to 3:30. Three hours credit. Snow.

A study of the morphology, life histories, and relationships of the liverworts, mosses and ferns. Prerequisites: Botany 1, 21.

54. **Morphology of Spermatophytes.** Spring. T. Th., 8:30. (Lab. F., 1:30 to 4:30.) Three hours credit. Snow.

A study of the morphology, life histories, classifications and relationship of the higher plants. Prerequisites: Botany 1, 21.

60. **Plant Physiology.** Winter. M. W., 8:30. (Lab. M. W., 1:30 to 4:30.) Four hours credit. Harrison.

A lecture and laboratory course in physiology of plants, covering such topics as absorption, transpiration, synthesis of carbohydrates, digestion and growth. Prerequisites: Botany 1.

70. **Plant Pathology.** Autumn. M. W. F., 10:30; (Lab. W. F., 3:30 to 5:30.) Five hours credit. Harrison.

This course deals with the important diseases of local plants, their identification, cause and methods of control. Prerequisite: Botany 1, 51.

80. **Plant Ecology.** Spring. T. Th., 10:30. Field trip or laboratory period on alternating Saturdays. Four hours credit. Harrison.

The plant in relation to its environment and its adaptation to the factors of soil and climate; plant communities and succession of various types of vegetation. Prerequisite: Botany 1.

86. **Experimental Ecology.** Spring. T. Th., 9:30. (Lab. T. Th., 1:30 to 3:30.) Three hours credit. Harrison.

A course dealing with the behavior of plants under measured and controlled environmental conditions. Prerequisites: Botany, 60, 80.

88. **Conservation of Natural Resources.** Time to be arranged. 3-5 hours credit. Stewart.

The need for, and the means of providing conservation of forests, shrubs, range forage, and other plant cover as they affect land-use management. The inter-relations of

vegetation on water supplies and uses, on soil preservation, on live stock and wild life management, and on recreation are considered. Conservation of coal, minerals, and oil.

92. Soil Microbiology. (See Agronomy 92.)

93. Soil Microbiology Laboratory. (See Agronomy 93.)

95. Seminar. Autumn, Winter. M., 4:30. One hour credit each quarter. Harrison, Snow.

Required of all majors in their junior and senior years.

97. Special Problems in Botany. Credit, one to five hours. Time and credit to be arranged. Harrison, Snow.

Graduate Courses

153. Advanced Special Morphology. Time and credit to be arranged.

Critical studies in the morphology of special groups.

170. Plant Pathology.

183. Field Ecology. Time and credit to be arranged.

Field work in plant ecology done in connection with the regular biological expeditions sponsored by the University. The full time of the student will be required during the period of field work.

186. Experimental Ecology.

189. Range and Forest Ecology. Autumn, Spring or Summer. One to four hours credit. Stewart and Martin.

Distribution of desert, and mountain plants as influenced by the climatic and soil environments. Graduate students may be admitted by application for thesis problem in field.

192. Soil Microbiology.

193. Soil Microbiology.

195. Seminar.

197. Special Problems in Botany.

200. Research. Any quarter. Four to six hours credit. Harrison, Snow.

Independent research on a thesis problem and the writing of the thesis.

CHEMISTRY

Professor Maw; Associate Professor Nicholes; Assistant Professors Bryner, Peterson, Johanson; Mr. Wing.

Students majoring in Chemistry should present credit in Chemistry 4 and 5, or its equivalent, 6, 10, 11, 71, 72, 73, 97, and 81 or 76; also Seminar. It is advised that the fundamental

courses in Mathematics, Physics, German, and French be taken as early as possible.

Suggestive sequence for Chemistry majors: Chemistry 4, 5, and 6, the Freshman year; 10, 11, 62, and 51, 52, 53, the Sophomore year; 71, 72, 73, the Junior year; and 81, 82, 83 or 76, and Seminar, the Senior year.

Lower Division Courses

- 2, 3. **Introductory General Chemistry.** Autumn and Winter or Winter and Spring. Course 2. Daily, 9:30 and 1:30. Autumn and Winter, 10:30. Spring. Course 3. Daily. Winter or Spring, 3:30. Two laboratory periods. Sec. I, M. W., 3:30-5:30. Sec. II, T. Th., 3:30-5:30. Five hours credit each quarter. Peterson.

For students beginning the study of Chemistry.

- 4, 5. **General Chemistry.** Autumn, Winter, or Winter, Spring. Daily. Section I, 8:30; Sec. II, 2:30. Two laboratory periods. (Lab. Sections: T. Th., 9:30-11:30 or 12:30-2:30 or 1:30-3:30. M. W., 12:30-2:30 or 1:30-3:30.) Five hours credit each quarter. Nicholes. Prerequisites: High School Chemistry.
6. **Qualitative Analysis.** Autumn and Spring. T., 8:30 or 2:30. Laboratory time to be arranged. Five hours credit. Nicholes and Wing.

The theory and practice of inorganic qualitative analysis. The qualitative processes are inductively developed in the laboratory. Prerequisites: Chemistry 4 and 5, or equivalent.

- 7, 8. **Introductory General Chemistry.** Autumn and Winter. M. W. F., 1:30. Two laboratory periods. Sec. I, M. W., 3:30-5:30. Sec. II. T. Th., 3:30-5:30. Johanson.

For students beginning the study of chemistry. Intended primarily for students of home economics.

9. **Elementary Organic Chemistry.** Spring. M. W. F., 9:30. Lab. T. Th., 3:30-5:30. Five hours credit. Johanson.

A survey course in Organic Chemistry for students of Home Economics and Agriculture. Foundational for Foods and Nutrition.

- 10, 11. **Elementary Quantitative Analysis.** Autumn and Winter, or Winter and Spring. One lecture: Course 10. Autumn. M., 2:30. Winter. W., 2:30. Course 11: Winter. M., 2:30. Spring. W., 2:30. Two laboratory periods: M., 3:30-5:30; W., 2:30-5:30. Three hours credit each quarter. Wing.

The technique of gravimetric and volumetric processes of quantitative determinations. The principles and the-

oretical background are discussed. Prerequisites Chemistry 4, 5, 6, and College Algebra.

12. **Elementary Quantitative Analysis.** Spring. Three hours credit. Maw and Wing.
Continuation of 11.

Upper Division Courses

51. **Inorganic Chemistry.** Autumn. T. Th., 10:30. Two hours credit. Nicholes.

A lecture course dealing with theoretical phases of inorganic chemistry.

- 52, 53. **Inorganic Chemistry.** Winter, Spring. T. Th., 10:30. Two hours credit each quarter. Nicholes.

A lecture course dealing with the preparation, properties, composition and uses of the inorganic substances.

54. **Soil Chemistry.** Autumn. T. Th., 3:30. Two hours credit. Nicholes.

A lecture course in elementary soil chemistry. Emphasis will be placed upon inorganic soil constituents, base exchange, soil alkali, and soil acidity.

- 55, 56. **Colloid Chemistry.** Winter and Spring. 3:30. Two hours credit each quarter. Peterson.

Studies of the preparation, properties, and practical applications of the chemistry of colloids in biology, agriculture, and home economics.

57. **Methods of Glass Manipulation.** Autumn, Winter, Spring. Two laboratory periods. Time to be arranged. One hour credit. Bryner. Exercises in glass working. Demonstrations with pyrex.

62. **Quantitative Analysis.** Autumn, Spring. M., 2:30. Two three-hour laboratory periods. 2 to 4 hours credit. Continuation of Chemistry 11. Maw and Wing.

Includes electrolytic processes, lectures and student reports on special topics on chemical principles involved. Demonstrations of special methods.

63. **Advanced Quantitative Analysis.** Autumn, Winter, Spring. Time to be arranged. 2 to 10 hours credit according to work done. Maw and Wing.

Complete analysis of typical minerals. Includes silicates. Written reports.

64. **Advanced Qualitative Analysis.** Spring. One recitation. Six hours laboratory work. Time to be arranged. Three hours credit.

Laboratory exercises include anions, complex ions, and some of the rare elements. Prerequisites: Acceptable courses in qualitative and quantitative analysis, or permission by the instructor.

66. **Special Methods.** See Chemistry 166.

71, 72, 73. **Organic Chemistry.** Autumn, Winter, Spring. Daily, 10:30. Two laboratory periods, T. Th., 1:30-3:30. Five hours credit each term. Maw.

A study of carbon compounds. Laboratory experiments in the syntheses and reactions of the different classes of organic compounds. The Autumn quarter deals with Aliphatic compounds. The Winter quarter with Aliphatic and Aromatic compounds. The course deals with compounds that are important from the theoretical, technical and biological standpoints. The Spring quarter completes the discussion of the Aromatic compounds and reviews the whole field in the form of qualitative tests and analysis of Organic compounds and mixtures. Prerequisites, Chemistry 10, 11.

76. **Biochemistry.** Autumn. M. W. F., 9:30. Three two-hour laboratory periods. M. W. F., 3:30-5:30. Five hours credit.

A study of the constitution and reactions of proteins, fats, carbohydrates, and allied compounds of biological significance. It deals also with enzyme action, digestion, absorption, metabolism, and excretion.

77. **Biochemistry.** Winter. M. W. F., 9:30. Three two-hour laboratory periods: T. Th., 3:30-5:30. Five hours credit.

A continuation of Chemistry 76.

81, 82, 83. **Physical Chemistry.** Autumn, Winter. M. W. F., 8:30. One three-hour laboratory period, T. or Th., Spring: lectures, T. Th., 2:30. Two three-hour laboratory periods, T. and Th., 1:30-4:30. Four hours credit each term. Bryner.

This course deals with properties of gases, liquids, solids, solutions, thermochemistry, reaction velocity, electrochemistry, equilibrium, and colloids. Prerequisites: Physics 43, Calculus, and Chemistry 11.

Non-Chemistry majors may register as 185, 186, 187 for graduate credit.

90, 91, 92. **Seminar.** Autumn, Winter, Spring. M., 4:30. One hour credit each quarter. Staff.

Open to advanced undergraduates and required of senior and graduate majors.

97. **Special Problems.** Time and credit to be arranged. Registration by permission.

Graduate Courses

106. **Studies in the History of Chemistry.** Spring. F., 1:30. Two hours credit. Maw.
151. **Advanced Inorganic Chemistry.** Autumn. M. W. F., 9:30. Three hours credit. Peterson.
Studies of the modern concepts of acids, bases, and salts, solutions in non-aqueous solvents, and the theories of solutions.
152. **Advanced Inorganic Chemistry.** Winter. M. W. F., 10:30. Three hours credit. Nicholes.
A systematic study of the chemical elements based upon their periodic classification and atomic structure.
153. **Advanced Inorganic Chemistry.** Spring. M. W. F., 10:30. Three hours credit. Bryner.
A systematic study of the chief classes of inorganic compounds such as: oxides, acids, bases, hydrides, chlorides, sulphides, carbides, silicides, borides, intermetallic compounds, and theories of complex compounds.
163. **Advanced Quantitative Analysis.** Autumn, Winter, or Spring. One to ten hours credit according to work done.
The analysis of typical minerals. Includes silicates. Written reports.
166. **Special Methods of Chemical Analysis.** Time to be arranged. Two hours credit. Prerequisites: Chemistry 10, 11, 12 or 62. Maw and Wing.
a. Water analysis.
b. Electrolytic analysis.
c. Assaying. Lectures and laboratory practice. Assays of gold, silver, copper, and lead are made.
d. Iron and Steel Analysis.
e. Food Analysis.
f. Agricultural Analysis.
167. **Micro-Chemical Analysis.** Winter. Time to be arranged. Three hours credit.
Training in the essential manipulative technique for qualitative and quantitative determinations by micro-chemical methods.
171. **Qualitative Organic Analysis.** Autumn. One lecture. Two three-hour laboratory periods. Time to be arranged. Three hours credit. Maw and Johansen.

Problems and assigned readings. Practice in identifying pure organic compounds and simple mixtures by analysis, physical properties and the preparation of derivatives.

172. **Quantitative Organic Analysis.** Spring. Two three-hour laboratory periods. One lecture. Time to be arranged. Three hours credit.

Quantitative analysis of organic compounds. Combustion methods.

173. **Organic Preparations.** Spring. One lecture. Two three-hour laboratory periods. Time to be arranged. Three hours credit. Maw and Johansen.

174. **Theoretical Organic Chemistry.** Spring. Two lectures. Time to be arranged. Two hours credit. Johanson.

This course deals with fundamental theories of Organic Chemistry.

176. **Biochemistry.** For detailed description see 76.

179. **Zymo-Chemistry.** Winter. Lectures, M. W. F., 10:30. Laboratory time to be arranged. Four hours credit. Bryner.

Chemistry of fermentations with special reference to the production of chemicals and industrial materials from agricultural products. Prerequisites: Chemistry 71 and Bacteriology 21.

- 181, 182, 183. **Advanced Physical Chemistry.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. Bryner.

The more important phases of physical chemistry from the standpoint of thermodynamics. Autumn quarter includes gases, solutions, and solids. Winter: thermochemistry and phase rule. Spring: free energy and electrochemistry. Prerequisites: 81, 82, 83.

- 190, 191, 192. **Seminar.** See Chemistry 90, 91, 92.

197. **Research.** Special problems. Time and credit to be arranged. Staff.

200. **Thesis.** Time and credit to be arranged.

COMMERCE

ACCOUNTING AND BUSINESS ADMINISTRATION

Professors Hoyt, Clark, Poulson, Lambert; Mr. Pond, Mr. Taylor

Students majoring in this department are required to take courses 2, 35, 51, and 74.

Lower Division Courses

1. **Elementary Accounting.** Autumn and Winter. Daily. Autumn, Sec. I, 10:30. Sec. II, 1:30; Winter, 10:30; Daily

laboratory for all. Sections 1:30 and 2:30, one hour of which is required each day. Five hours credits. Taylor and Pond.

An introduction to college accounting. The aim of this course is two-fold: first, a preparation for those who plan to enter a business at once, and second, as a foundation course for advanced work in accounting.

2. **Elementary Accounting.** Winter and Spring. Daily Winter, 1:30, Spring 10:30. Daily laboratory for all sections 1:30 and 2:30 one hour of which is required each day. Five hours credit. Taylor and Pond. Continuation of Course 1.
35. **Mathematical Theory of Investment.** Winter, M. W. F., 2:30. Three hours credit. Marshall. (See Mathematics 35.)
36. **Graphical and Statistical Methods.** Spring, M. W. F., 2:30. Three hours credit. Marshall. (See Mathematic 36.)

Upper Division Courses

- 50, 51, 52. **Intermediate Accounting.** Autumn, Winter, Spring. M. T. W. Th., 10:30. Four hours credit each quarter. Clark.

Primarily corporation accounting with special emphasis on problems of depreciation, bases of revaluation, inventorying, etc. Open to students who have had Accounting 2, or the equivalent.

54. **Credits and Collections.** Autumn. M. W. F., 10:30. Three hours credit. Hoyt.

Principles covering the granting of credit, the control of the credit line, when and how collections are made, establishment of retail credit bureaus, contracts, installment selling plans.

55. **Principles of Risk-Bearing.** Spring. M. W. F., 8:30. Three credit hours. (Not given this year.) (See Economics 55.)
62. **Business and Industrial Management.** Winter. M. W. F., 10:30. Three hours credit. Hoyt.

The organization and planning of business operations for the most effective control and execution. Pre-requisite, Economics 61.

63. **Personnel Management.** Winter. M. W. F., 10:30. Three hours credit.

Principles and technique involved in developing a modern personnel organization for protecting the welfare of employees and promoting effective labor management. Employee selection, training, promotion, and incentives are stressed.

64. **Psychology Applied in Business.** Spring. M. W. Th. F., 8:30. Four hours credit. Poulson. (See Psychology 64.)
65. **Experiments in Business Psychology.** Winter. Lecture, Th., 2:30, or Spring. Lecture, Th., 1:30. Laboratory M. W. F., 3:30-5:30 or equivalent number of hours to be arranged. Three hours credit. Poulson and Gibb. (See Psychology 65.)
74. **Principles of Statistics.** Winter, 2:30, M. W. F. Three hours credit. Lambert.

Introduction to statistics. This course required of all majors in Economics, Finance and Banking, Accounting and Business Administration, and Marketing.

75. **Business Statistics.** Winter and Spring. M. W. F., 10:30. Three hours credit each quarter. Hoyt.

Fundamental methods of statistics in business and economic applications. Estimating future business; economic forecasting; fluctuations of business. Prerequisite; Elementary statistics.

91. **Cost Accounting.** Autumn. M. T. W. F., 8:30. Four hours credit. Hoyt.

Introduction to methods and principles of cost finding. Specialized methods of handling materials, costs, labor costs and overhead expense. Prerequisites: Accounting and Business Administration, 50, 51 and 52.

92. **Advanced Cost Accounting.** Winter. M. T. W. F., 8:30. Four hours credit. Hoyt.

Industrial accounting. Practical work in cost determination. Analysis of uniform cost accounting systems of modern industries. Prerequisite: Accounting and Business Administration 91.

93. **Income Tax Procedure.** Spring. M. W. F., 8:30. Three hours credit. Hoyt.

Federal and State income tax regulations and procedure. This course is designed to qualify the student for practical income tax work. Prerequisite: Accounting and Business Administration, 50, 51, and 52.

94. **Auditing Theory.** Autumn. M. W. F., 2:30. Three hours credit. Hoyt.

Principles and methods of public accounting work. Rules of professional responsibility and conduct. Advanced interpretation of accounts and financial statements. Prerequisites. Accounting and Business Administration, 50, 51, and 52.

95. Auditing Practice. Winter. M. W. F., 2:30. Three hours credit. Hoyt.

Practical work in auditing. Technique of verification of accounts and financial statements. Audit working papers. Prerequisite: Accounting and Business Administration 94.

96. Advanced Accounting Problems. Spring. M. T. W. F., 2:30. Four hours credit. Hoyt.

C. P. A. and American Institute of Accountants problems. Prerequisites: Accounting and Business Administration 50, 51, 52. Courses recommended as preparation: Accounting and Business Administration 50, 51, 52, 92, 93, and 94; Finance and Banking 43, 44, 51 and 52.

Graduate Courses

101. Cost Accounting. (See Accounting and Business Administration 91.)
102. Advanced Cost Accounting. (See Accounting and Business Administration 92.)
103. Income Tax Procedure. (See Accounting and Business Administration 93.)
104. Auditing Theory. (See Accounting and Business Administration 94.)
105. Auditing Practice. (See Accounting and Business Administration 95.)
106. Advanced Accounting Problems. (See Accounting and Business Administration 96.)
- 111, 112, 113. Research in Accounting. Hours and credit to be arranged with instructor.
- 114, 115, 116. Research in Statistics. Hours and credit to be arranged with instructor.
- 181, 182, 183. Seminar in Business Psychology. One to three hours credit. (See Psychology 181, 182, 183.)

FINANCE AND BANKING

Professors Clark, Jensen, Miller, Lambert; Mr. Pond

Lower Division Courses

14. Economic and Financial History of the United States. Autumn and Spring. M. W. F., 1:30. Three hours credit. Miller.

The economic development of the United States through the colonial era and the period of the industrial revolution and westward movement, with emphasis upon economic integration and industrial organization.

43. **Commercial Law.** Autumn. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Political Science 43.)
44. **Commercial Law.** Winter. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Political Science 44.)
45. **Commercial Law.** Spring. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Political Science 45.)

Upper Division Courses

- 51, 52. **Business Finance.** Autumn, Winter. M. T. W. Th., 9:30. Four hours credit each quarter. Clark.

Financial problems connected with the organization of corporations, underwriting and the sale of securities, management, expansion, and the reorganization of those that are not successful. Prerequisites: Economics 1 and 2.

53. **Money and Banking.** Spring. M. T. W. Th., 9:30. Four hours credit. Clark.

A study of the principles of money and banking and the exemplifications of these principles in the monetary and banking history of the United States. Prerequisites: Economics 1 and 2. (Not given this year.)

54. **Investments.** Spring. M. T. W. Th., 9:30. Four hours credit. Clark.

A study of the various forms and methods of investment. Prerequisite: Finance and Banking 51.

67. **Public Finance and Taxation.** Spring. M. W. F., 10:30. Three hours credit. Pond. (See Economics 67.)

The science of public finance; the theory of public expenditure; public income and public debts; the preparation of the budget and financial administration.

Graduate Courses

101. **Research in Business Finance.** Winter, Spring. Two to five hours credit. Clark.
111. **Public School Finance.** Winter. Daily, 9:30. Five hours credit. Lambert.

The theory and practice of financing public education in

the United States. The stress is placed upon revenue and distribution systems. A course in taxation should precede or parallel this course.

167. **Public Finance.** Spring, M. W. F., 10:30. Three hours credit. Pond. (See Economics 167.)

MARKETING

Professors Miller, Hoyt, Elliott, Shaw; Assistant Professors Edgar Jensen, Coffman; Mr. Taylor, Mr. Pond

Students majoring in this department are required to take Marketing 14, 15, 51, 57, 58, 59, 85, and Accounting 74. Psychology 64 and Economics 94 suggested.

Lower Division Courses

6. **Geography of Economic Products.** Spring. Daily, 8:30. Five hours credit. Coffman. (See Geography 6.)
- 14, 15, 16. **Commercial Art.** Autumn, Winter, or Spring. T. Th., 1:30. One or two hours credit each quarter. Jensen. (See Art 14, 15, 16.)
32. **Marketing Fruits and Vegetables.** (Not given this year.)

Upper Division Courses

51. **Economics of Consumption.** Winter. T. Th., 9:30. Two hours credit. Miller. (See Economics 51.)
54. **Credits and Collections.** Autumn. M. W. F., 10:30. Three hours credit. Hoyt. (See Accounting and Business Administration 54.)
56. **Transportation Problems.** Spring. M. T. W. Th., 2:30. Four hours credit. Pond. (See Economics 56.)
57. **Principles of Marketing.** Autumn. M. W. F., 9:30. Three hours credit. Hoyt. Prerequisites: Economics 1 and 2.
58. **Principles of Merchandising.** Winter. Daily, 9:30. Five hours credit. Taylor.

A study of principles and processes involved in marketing through existing retail outlets. Principles of salesmanship are included. Prerequisites: Marketing 57, and Accounting 1. Psychology 64, recommended.

59. **Advertising.** Spring. Daily, 9:30. Laboratory T. Th., 2:30-4:30. Five hours credit. Taylor.

The part advertising plays in business. Principles of advertising, including layout, media, campaigns, etc. Prerequisite: Marketing 14, 15, and 51. Psychology 64 recommended.

62. Textiles. Spring. T. Th., 10:30. Three hours credit each quarter. Elliott. (See Clothing and Textiles 62.)

67. Agricultural Marketing. Winter. M. W. F., 9:30. Three hours credit. Hoyt.

An analysis of the problems of cooperative marketing of agricultural products, from the standpoints respectively of farmers, middlemen, and consumers. Prerequisites: Economics 1, 2.

81, 82, 83. Commercial Art. Autumn, Winter, and Spring. T. Th., 1:30. Two hours credit each quarter. Jensen. (See Art 61, 62, 63.)

85. Seminar in Marketing. Spring. M. W. F., 2:30. Three hours credit. Taylor. (Open only to students who have had Marketing 58, and Accounting 74.)

A seminar in current problems in marketing. Students are required to develop at least one major study of a marketing problem.

Graduate Courses

156. Research in Transportation. Spring. M. T. W. Th., 2:30. Four hours credit. Pond.

157. Research in Marketing. Autumn. M. W. F., 8:30. Three hours credit. Hoyt.

158, 159. Research in Merchandising and Advertising. Winter, Spring. Daily, 9:30. Five hours credit. Taylor.

167. Research in Agricultural Marketing. Winter, M. W. F., 8:30. Three hours credit. Hoyt.

185. Seminar in Marketing. Spring. M. W. F., 2:30. Three hours credit. Taylor.

200. Thesis.

OFFICE PRACTICE

Professor Holt; Mr. Croft, Miss Waspe, Mr. Sundwall.

Lower Division Courses

11, 12, 13. Shorthand. Autumn, Winter, Spring. Daily, Sec. 1 and Sec. 2, 8:30; Sec. 3, 10:30. Four hours credit each quarter. Waspe and Sundwall.

Theory of writing shorthand according to the Gregg system. Prerequisite for 12 and 13, one quarter of type-writing.

- 14, 15, 16. Shorthand—Dictation and Transcription. Autumn, Winter, Spring. Daily, Sec. 1, 9:30; Sec. 2, 1:30. Three hours credit each quarter. Waspe and Sundwall.

Thorough review and drill of Gregg theory, brief forms, derivatives, and phrases. Development of speed and accuracy in writing and transcribing various types of dictation. Mechanics of letter-writing. Prerequisite: Shorthand 11, 12, 13 or equivalent.

17. Advanced Shorthand. Spring. Daily, 2:30. Four hours credit. Sundwall.

Rapid dictation and transcription of general business letters, and legal instruments. Preparation for reporting. Prerequisite: Shorthand 11 to 16 inclusive or equivalent or 100-word Gregg certificate or equivalent.

- 21, 22, 23, 24. Typewriting. Autumn, Winter, Spring. Six hours a week. Two hours credit each quarter. See instructors for time. Croft.

Touch typewriting, according to standard methods.

25. Secretarial Training. Autumn, Spring. Three hours credit. T. Th., 2:30 to 4:30; F., 3:30 to 4:30. Waspe.

A finishing course for those who desire to qualify for secretarial positions. Includes training in office organization and etiquette, mechanics of letter-writing, postal information, preparation and usage of commercial forms and legal instruments, filing, etc. Prerequisites: Shorthand speed of 90 words per minute, Typewriting 24 or its equivalent.

26. Office Machines. Autumn, Winter, or Spring. M. T. W. Th., Sec. 1, 1:30; Sec. 2, 2:30; Sec. 3, 3:30. One hour credit. Croft.

Training in the operation of the Burroughs, Comptometer, and Monroe Calculators. It includes addition, subtraction, multiplication, and division. Practical problems are used in the practice work of the class.

31. Business English. Autumn, Winter, or Spring. M. W. F., 9:30. Three hours credit. Holt.

The substance and style of business English; clearness in sentences; correctness of diction; force in sentence structure, and diction. Business forms and usages.

ECONOMICS

Professors Miller, Hoyt, Lambert; Assistant Professor Coffman; Mr. Pond, Mr. Taylor.

The following courses are required for a major in Economics: Economics 1, 2, 14, 74, 94.

Lower Division Courses

1. **Economics—Introduction and Principles.** Autumn, Sec. 1, 8:30; Sec. 2, 9:30; Sec. 3, 10:30; Sec. 4, 1:30; Sec. 5, 2:30. Winter, two sections, 9:30, 1:30; Spring, one section, 8:30. Daily. Five hours credit each quarter. Miller, Pond, Taylor.

A general survey of industrial society; its structure, its institutions and operation. An historical background of the rise of modern capitalistic industry.

2. **Economics—Contemporary Economic Problems.** Winter, Sec. 1, 8:30; Sec. 2, 9:30. Spring, Sec. 3, 9:30. Daily. Five hours credit each quarter. Miller, Pond, Taylor.

A more advanced study of the underlying principles of economics. Includes an intensive study of several contemporary economics problems. Prerequisite: Course 1.

14. **Economic and Financial History of the United States.** Autumn. M. W. F., 1:30; Spring. M. W. F., 1:30. Three hours credit. Miller.

Economic development of the United States from colonial times to the present, with emphasis upon economic integration and industrial organization since the Civil War.

Upper Division Courses

51. **Economics of Consumption.** Winter. T. Th., 10:30. Two hours credit. Miller. (See Marketing 51.)

A study of those forces underlying and governing consumption. Prerequisite: Economics 1 and 2.

53. **Money and Banking.** Spring. M. T. W. Th., 9:30. Four hours credit. Clark. (See Finance and Banking 53.) (Not given this year.)

55. **Principles of Risk-Bearing.** Spring. M. W. F., 8:30. Three hours credit. Taylor. (See Accounting and Business Administration 55.) (Not given this year.)

Life, health, accident, fire, property and liability insurance, and principles of risk-bearing as they apply to each classification of the insurance field. Prerequisites: Economics 1 and 2.

56. **Transportation Problems.** Spring. M. T. W. Th., 1:30. Four hours credit. Pond.

This course deals with the growth and development of railway transportation and the development of public regulation and railway legislation in the United States.

60. **Social Legislation.** Spring. M. W. F., 9:30. Three hours credit. Miller.

The state in relation to labor and social conditions. An intensive study of the legal and economic aspects of modern social security programs and reforms. Foreign experiments in the field will also be studied.

61. **Labor Problems.** Autumn. M. W. F., 10:30. Three hours credit. Miller.

This course deals with the wage system, domestic industry, the factory system, the rise and growth of labor organizations. Contemporary problems in industrial and company unions will be stressed.

67. **Public Finance and Taxation.** Spring. M. W. F., 10:30. Three hours credit. Pond. (See Finance and Banking 67.)

74. **Principles of Statistics.** Winter. M. W. F., 2:30. Three hours credit each quarter. Lambert.

Introduction to statistics. This course required of all majors in Economics, Finance and Banking. Accounting and Business Administration.

75. **International Economic Policies.** Winter. M. W. F., 2:30. Three hours credit. Miller.

A survey with particular reference to the United States, of the international aspects of the economic policies and activities of governments.

94. **Advanced Economics.** Winter. Daily, 8:30. Five hours credit. Lambert.

Advanced course in economic theory with stress upon production principles and price theory. Prerequisites: Economics 1 and 2.

95. **Advanced Economics.** Spring. Daily, 8:30. Five hours credit. Lambert.

Continuation of Economics 94, with stress upon price theory and principles of distribution. Prerequisite: Economics 94.

99. **History of Economic Thought.** Spring. Daily, 2:30. Five hours credit. Miller.

The development of economic thought from early times to the present. A brief survey up to about 1750, but chief emphasis will be given to Smith, Ricardo, Malthus and Mill.

Graduate Courses

156. **Transportation Problems.** Spring. M. T. W. Th., 1:30. Four hours credit. Pond.
160. **Social Legislation.** Spring. M. W. F., 9:30. Three hours credit. Miller. (See Sociology 191.)
161. **Labor Problems.** Autumn. M. W. F., 8:30. Three hours credit. Miller.
167. **Public Finance.** Spring. M. W. F., 10:30. Three hours credit. Pond. (See Finance and Banking 167.)
175. **International Economic Problems and Policies.** Winter. M. W. F., 2:30. Three hours credit. Miller.
194. **Advanced Economics.** Winter. Daily, 8:30. Five hours credit. Lambert.
Advanced course in economic theory with application to present day economic problems. Prerequisites: Economics 1 and 2.
195. **Advanced Economics.** Spring. Daily, 8:30. Five hours credit. Lambert.
Advanced course. Prerequisite: Economics 1, 2, and 94.
197. **Research.** Time and credit to be arranged. Staff.
199. **History of Economic Thought.** Spring. Daily, 2:30. Five hours credit. Miller.
200. **Thesis.**

AGRICULTURAL ECONOMICS

The following courses are required for a major in Agricultural Economics: Economics 1, 2, 74, 94; Agricultural Economics 30, 37, 61, 81, 82, 91, 92 and 93.

Lower Division Courses

30. **Principles of Agricultural Economics.** Autumn. M. W. F., 8:30. Three hours credit. Pond. Prerequisites: Economics 1 and 2.
32. **Marketing Fruits and Vegetables.** Spring. M. W. F., 8:30. Three hours credit. Shaw. (See Horticulture 32.) (Not given this year.)

Upper Division Courses

54. **Conservation and Land Utilization.** Spring. Three hours credit. Coffman. (See Geography 54.) (Not given this year.)
57. **Principles of Marketing.** Autumn. M. W. F., 9:30. Three hours credit. Hoyt. (See Marketing 57.)
60. **Farm Management.** Autumn. M. W. F., 9:30. Three hours credit. Ivins. (See Agronomy 60.)

61. **Economics of Farm Organization.** Winter. M. W. F., 9:30. Three hours credit. Shaw. (See Agronomy 61.)

67. **Agricultural Marketing.** Winter. M. W. F., 9:30. Three hours credit. Hoyt. (See Marketing 67.)

81. **Land Economics.** Winter. M. W. F., 8:30. Three hours credit. Pond.

Principles relating to the utilization, tenure, and conservation of land resources. Prerequisite: Agricultural Economics 30.

82. **Agricultural Finance.** Spring. M. W. F., 10:30. Three hours credit. Taylor. (Not given this year.)

A study of agricultural credit, with special reference to existing financial organizations and their relation to agriculture. Prerequisite: Agricultural Economics 30.

91. **Western Land Problems.** Spring. M. W. F., 8:30. Three hours credit. Pond. (Not given this year.)

A survey of the outstanding land problems of the Western States, particularly those of the Rocky Mountain division. Special Class reports by students will be required.

92. **American Agricultural Reform.** Spring. M. W. F., 8:30. Three hours credit. Pond.

A review of the agrarian movements for economic and social reform in America, including recent and current programs for farm relief.

93. **Economic History of Agriculture.** Spring. M. W. F., 9:30. Three hours credit. Taylor. (See Agronomy 94.)

The development of agriculture from its beginnings in the Old World to the present time. Historical background of contemporary agricultural problems.

Graduate Courses

181. **Land Economics.** Winter. M. W. F., 8:30. Three hours credit. Pond.

182. **Agricultural Finance.** Spring. M. W. F., 10:30. Three hours credit. Taylor.

191. **Western Land Problems.** Spring. M. W. F., 8:30. Three hours credit. Pond. (Not given this year.)

192. **American Agricultural Reform.** Spring. M. W. F., 8:30. Three hours credit.

200. **Thesis.**

EDUCATION

Professors A. N. Merrill, Poulson, Lambert, Boyle, Peterson; Associate Professors Sudweeks, Law, Lloyd; Assistant Professors Dusenberry, E. M. Jensen, R. Swenson, Woolf, Hollingshead; and Training School Faculties.

With the approval of the major professor, credit in courses in any of the education departments may be offered to fill major requirements. Education 50 is the required first course in all departments in the College of Education.

Lower Division Courses

2. Social Education. Winter or Spring. T. Th., 9:30. Two hours credit. Boyle.

An introduction to the principles of educational sociology. A study of education in its sociological aspects. Application of objectives of education. Analysis of culture, morality, health, domestic efficiency, and vocational efficiency. Adjustment of education to the needs of society. Application of social needs to school practice, school administration, and curricula.

3. Story Telling. Autumn. T. Th., 8:30. Two hours credit. Dusenberry.

A study from the literary and education points of view of the best literature available for children.

4. Juvenile Literature. Autumn. T. Th., 9:30. Two hours credit. Dusenberry.

A study of literature to give a basis of selection, appreciation and presentation of the best and most suitable material for the elementary grades.

Upper Division Course

50. Principles of Education. Autumn or Winter. M. T. W. F., Sections at 9:30 and 2:30. Boyle, Hollingshead and Sudweeks. Four hours credit.

An introductory course in education for high school and grade teachers. The principal topics covered are: the teacher, the teaching and learning processes, organization and administration, recent developments in education, and philosophy of education. This course is a required first course in all departments in education.

EDUCATIONAL ADMINISTRATION

Professor Lambert.

Upper Division Courses

52. Organization and Administration of Secondary Schools.

Autumn or Winter. T. Th., 10:30. Two hours credit. Lambert.

An introduction to the theory and the current practices in organizing and administering secondary schools. Stresses the teacher's relationship to administration. Required for certification in Utah. Should be taken by advanced juniors and seniors prior to or parallel with Secondary Education 54.

56. Standard Tests and Testing. Spring. M. W. F., 9:30. Three hours credit. Sudweeks.

An introduction to the field of tests and examinations in elementary and high schools. Each student will carry out a complete testing project in the University Training School.

57. Old and New Type Examinations. Spring. T. Th., 9:30. Three hours credit. Sudweeks.

The place of the old type examinations and its improvement is considered. The use and the forms of the new type examinations are considered. A sequence to course 56.

69. Measurements of High School Teaching. Spring. M. W. F., 2:30. Three hours credit. Sudweeks.

A study of standard tests now available for high school teaching. How to give and score tests, to interpret results, and plan remedial instruction.

73. The Organization and Administration of Public Schools. Autumn. Daily, 8:30. Five hours credit. Lambert.

This course considers the ways in which public schools are controlled and the ways in which states, cities, counties and local districts are organized for the conduct of public education. This is a foundational course for all students in education. It is required of all students who major in the field of administration.

74. Statistical Methods. Winter. M. W. F., 2:30. Three hours credit. Lambert.

Principles and methods in collection, presentation and analysis of data. Measures of central tendency, dispersion, and simple correlation. For students in education, psychology, business, and social sciences. Assumes competence in algebra. Any training in mathematics, including differential calculus, will be an advantage to the student.

75. Educational Supervision. Spring. M. T. W. Th., 2:30. Four hours credit. Jensen.

The evaluation and the improvement of teaching. Offered for students who have foundational work in psychol-

ogy, in educational psychology, in school organization, and in class-room procedures and theory.

ELEMENTARY EDUCATION

Associate Professor Law.

Students majoring in Elementary Education should conform to the following sequence of courses:

Freshman Year: Sociology 11; Speech 1, 4, or 11; English 1, 2, 3; Library 11; Physical Education 1, 21, 22, Bacteriology; Music 11.

Sophomore Year: Elementary Education 50 and 55, Psychology 51; Art 41, 42 or 43; General Botany; Geography 5 or 52; Zoology 58; Theory of Music 41; History 82.

Junior and Senior Years: Speech 95; Elementary Education 51, 52, 54, 60 or 61, 63. Other upper division courses in Education.

Upper Division Courses

51. Elementary Curriculum and Methods. Autumn. Daily, 10:30. Five hours credit. Peterson and Law.

This course deals with the curriculum and the materials of the elementary school together with methods in elementary education. It must be taken before or parallel with Elementary Education 54. Required for certification. Prerequisites: Fifteen hours of selected work in education.

52. Elementary Curriculum and Methods. Winter. Daily, 10:30. Five hours credit. Peterson and Law.

This is a continuation of Elementary Education 51. It should be taken parallel with Elementary Education 54. Required for certification. Prerequisite: Elementary Education 51.

53. Elementary Curriculum and Methods. Spring. M. W. F., 10:30. Three hours credit. Peterson and Law. Limited to seniors only.

This course is designed especially for secondary teachers who wish to get some training on the elementary school level. Secondary teachers who qualify also for elementary teaching certificates are required to complete this course. Prerequisites: Fifteen hours in Secondary Education.

54. Elementary and Kindergarten Training. Autumn, Winter and Spring. Daily from 8:30 to 10:30, or 1:30 to 3:30. Ten hours credit. 5 hours each quarter. Peterson and Law.

This is essentially a laboratory course affording opportunity for practice teachers to apply the principles of teaching developed in Elementary Education 51 and 52.

Prerequisites: Fifteen hours of selected educational work, including Education 50 and passing of subject matter tests administered by the College of Education.

55. **School Organization and Administration.** Autumn, Winter or Spring. M. W. F., 9:30. Three hours credit. Boyle.

This course will acquaint beginning teachers with the school as an institution in its relation to the state and the community. It meets state requirements for certification.

58. **Health Education for Teachers.** Autumn, Winter, Spring. T. Th., 1:30. Two hours credit each quarter. Cullimore and Oaks. (See Zoology 58, and Physical Education 1.)

60. **Measurements in Elementary Education.** Spring. M. W. F., 8:30. Three hours credit. Law and Sudweeks.

A study of standard tests now available for elementary school teaching, involving testing, scoring, interpreting results, and planning remedial instruction.

61. **First Grade Education.** Spring. M. W. F., 9:30. Three hours credit. Peterson.

Problems of early elementary education will be considered. A study of the activities, subject matter and concrete materials which should form the basis of the work with young children. Class room observation required.

63. **School Management and Extra-Instructional Activities.** Winter. T. Th., 8:30. Two hours credit. Law.

A course in the conservation and obtaining of the maximum educational value of every element in school and classroom organization.

64. **Myths of the World.** Autumn. T. Th., 7:30. Two hours credit. Dusenberry.

The major topics to be considered in this course are present and past customs, superstitions, folk lore, and mythological beliefs of the people of Egypt and India.

65. **Myths of the World.** Winter. T. Th., 7:30. Two hours credit. Dusenberry.

A continuation of 64. Topics of discussion: India and China.

66. **Myths of the World.** Spring. T. Th., 7:30. Two hours credit. Dusenberry.

A continuation of 65. Topics of discussion: Japan, Islands of Bali, Borneo, and the Philippines.

75. **Educational Supervision.** Spring. M. T. W. Th., 2:30. Four hours credit. Jensen. (See Ed. Administration 75.)

SECONDARY EDUCATION

Professor Merrill.

Upper Division Courses

51. **Organization and Administration of Secondary Education.** Autumn or Winter. M. W., 10:30. Two hours credit. Merrill.

This course emphasizes methods of teaching high school subjects. It should be taken before or parallel with Secondary Education 54.

52. **Organization and Administration of Secondary Schools.** Autumn or Winter. T. Th., 10:30. Two hours credit. Lambert.

An introduction to the theory and current practices in organizing and administering secondary schools. Stresses the teacher's relationship to the administration. Required for certification in Utah. Should be taken by advanced juniors and seniors prior to or parallel with Secondary Education 54.

54. **Secondary Teaching.** Autumn, Winter, and Spring. Demonstration and consultation. T. Th., 3:30. Practice periods to be arranged. Eight hours credit, four hours in each of two quarters. Merrill, Boyle, Jensen, Woolf and Secondary Training School Faculty.

This is a course in practice teaching under supervision. Approximately eighty hours of participation and responsible class room teaching will be required. Instruction in special methods for teaching specific subject matter will be given by the critic teacher. Prerequisites: Fifteen hours of selected educational work including Education 50, passing of subject matter tests administered by the College of Education, at least three-fourths of the academic major, and consent of the instructors concerned.

55. **Junior High School.** Spring. M. W. F., 9:30. Three hours credit. Merrill. (Not given this year.)

This course deals with problems in the organization and special functioning of the junior high school.

63. **Teaching of Agriculture.** Winter. M. W. F., 3:30. Three hours credit. Sudweeks. (See Agronomy 63.)

A practical course in the application of methods in the teaching of agriculture. To accompany or precede secondary training. Emphasis on Smith-Hughes provisions and standards. Required of teachers of vocational agriculture.

69. **Measurement of High School Teaching.** Spring. M. W. F., 2:30. Three hours. Sudweeks.

A study of standard tests now available for use in high school teaching. Giving and scoring tests, interpreting results, and planning remedial instruction.

71. **Juvenile Sociology.** Spring. T. Th., 9:30. Two hours credit. Boyle. (See Sociology 71.)

91. **The High School Curriculum.** Winter. M. T. W. Th., 9:30. Four hours credit. Merrill.

The principles governing the organization of the high school curriculum. The evaluation of objectives of the course of study, and of the activity phase of the present high school curriculum.

94. **Educational and Vocational Guidance.** Autumn and Spring. M. T. W. Th., 9:30. Four hours credit. Merrill.

A consideration of the principles of educational and vocational guidance and early vocational experience as factors in determining the choice of an occupation; and the modification of the high school curriculum to facilitate vocational choice.

This course deals with the problems of the senior high school, especially those concerned with the justification and the modification of the present curriculum.

95. **The Senior High School.** Spring. M. T. W. Th., 9:30. Four hours credit. Merrill. (Not given this year.)

This course deals with the problems of the senior high school, especially those concerned with the justification and the modification of the present curriculum.

PHILOSOPHY OF EDUCATION

Associate Professor Lloyd

Upper Division Courses

51. **History of Educational Thought.** Autumn. M. W. F., 10:30. Three hours credit. Lloyd.

A critical study of the contributions of the outstanding educational thinkers from the early Greeks to the present, and an evaluation of the various philosophies. Special emphasis will be given to the writings of twelve significant educators from Plato to Dewey.

52. **History of Education in America.** Winter. M. W. F., 10:30. Three hours credit. Lloyd.

The rise and development of the American educational

system as it has been effected by changes in American life from the colonial period to the present time.

53. **Education in the Social Order.** Spring. M. T. W. Th., 10:30. Three hours credit. Lloyd.

The school as a social institution, with special emphasis upon its relation to social, economic, and political change. The effect of these changes upon educational practice and philosophy of education.

74. **Rural Sociology.** (See Sociology 53.)

81. **History of Philosophy.** Autumn. M. W. F., 2:30. Three hours credit. R. Swensen.

A history of the rise and development of philosophy in the Greek, Graeco-Roman, medieval, renaissance, eighteenth century, and modern periods. Stress is laid upon an appreciation of the outstanding philosophers of the various schools of thought and their relation to the intellectual trends and problems of the present.

84. **Educational Sociology.** (See Sociology 61.) Swenson.

87. **Methods in Character Education.** Autumn. T. W. Th. F., 1:30. Four hours credit. Lloyd.

A study of various methods and techniques in character education that are now in use in the United States and an evaluation of the educational philosophy upon which each of these rests. Special attention will be given to the newer trends in this field.

88. **Special Problems in the Development of Personality.** Winter. M. T. W. Th., 2:30. Four hours credit. Lloyd.

A consideration of the problems and special interests of college students as these interests affect the development of character and personality. This course is largely devoted to the method of "creative experience" as a device for character building.

89. **Human Nature and Character.** Spring. M. W. F., 1:30. Three hours credit. Lloyd.

The various factors that are important to an understanding of human nature. Special stress will be given to the nature of the moral life and its dependence upon mental health and wholesome social interaction. (Not given this year.)

90. **Social Ethics.** Spring. M. T. W. Th., 8:30. Four hours credit. Lloyd.

This course deals with ethical theory as applied to our industrial and social problems; the breakdown of Puritan

ethics; individualism, Christian ethics, international good will and world peace.

GRADUATE WORK IN EDUCATION

Credit in course 118, Research and Thesis Writing, is required of all candidates for the Master's degree in Education.

Students who plan to complete the requirements for the Master's degree in education should choose a major professor or adviser from the members of the staff who are responsible for graduate work. This adviser will have the chief responsibility of directing the preparation of the thesis. Students are encouraged to project a graduate program around some field of concentration or emphasis.

The graduate major will ordinarily be chosen from the courses here listed, but work in other departments of the university may be taken where the student's program appears to need such preparatory or supporting courses. The exact allotment of time within the program and the exact amount of time necessary to complete requirements will be determined for the student in the light of his undergraduate work in education and the field he chooses for graduate study.

101-110. Independent Readings in Organization, Administration and Supervision. Any quarter. Maximum of two hours credit for any one student in any one quarter. Lambert.

Properly qualified students may read in fields in which courses are not offered and in fields beyond those covered in the regular courses. The reading is planned to meet the needs of the student's graduate program. Registration by consent of the instructor.

111. Public School Finance, I. Winter. Daily, 9:30. Five hours credit. Lambert.

The theory and practice of financing public education in the American states. Emphasis in this course is put upon revenue systems. An enlarged reading program is part of the course. Educational administration 73 or its equivalent is a prerequisite. A course in taxation should precede or parallel this course.

112. Public School Finance, II. Winter. Daily, 9.30. Five hours credit. Lambert. (Not given this year.)

The business management of school systems. Expenditures, costs, purchases, accounting, and the school budget. Educational administration 73 or its equivalent is a prerequisite. Given each alternate year.

113. Personnel Problems. Winter. M. T. W. Th., 2:30. Four hours credit. Lambert. (Not given this year.)

Problems of the teaching staff; training, selection, assignment, promotion, retirement. Contract, tenure, salaries.

Given each alternate year. Educational Administration 73 is a prerequisite.

114. **The Work of the School Principal.** Spring. M. T. W. Th., 10:30. Four hours credit. Lambert.

The work of the school principal and the supervisor. Educational Administration 73 and work in educational psychology and teaching methods are prerequisites. Given each alternate year.

116. **Planning School Building and Transportation Programs.** Spring. M. T. W. Th., 9:30. Four hours credit. Lambert. (Not given this year.)

How to project a school building program and to finance it. How to integrate the curriculum, the school organization, the buildings, and the school transportation system. Management and care of school plants. Educational Administration 73 or its equivalent is a prerequisite.

118. **Introduction to Research and Thesis Writing.** Autumn. M. W. F., 2:30. Three hours credit. Lambert.

Two lectures each week with individual conferences and readings. A course in the principles of scientific investigation and the acceptable procedures of research. Specific assistance in the preparation of the master's thesis. Given for all of the graduate students in the university. Required of all candidates for the master's degree in the College of Education.

122. **Problems in Part-Time Education.** Spring. T. Th., 2:30. Two hours credit. Merrill.

This course deals with the methods and the problems of part-time education; the character of the population to be educated, methods of teaching in part-time classes, job analysis, and course organization.

147. **Research in Secondary Education.** Any quarter. Merrill.

Two or three hours credit is allowed for the completion of an acceptable paper that embodies the results of independent research upon some problem in secondary education. Registration by consent of the instructor.

150. **Seminar in Education.** Any quarter. Time arranged. Lambert, Merrill, Lloyd, Law.

A seminar in educational research is organized any quarter for five or more graduate students. It provides an opportunity for qualified workers to extend their studies of educational problems and for graduate students to secure aid in pursuing and reporting their investigations.

151. **History of Educational Thought.** Autumn. M. W. F., 10:30. Three hours credit. Lloyd.

152. **History of Education in America.** Winter. M. W. F., 10:30. Three hours credit. Lloyd.
153. **Education in the Social Order.** Spring. M. W. F., 10:30. Three hours credit. Lloyd.
154. **Elementary Curriculum and Methods.** Winter. Daily, 10:30. Five hours credit. Law.

This course deals with the curriculum and the materials of the elementary school together with methods in elementary education. Elementary Education 51 or its equivalent is a prerequisite.

- 157-159. **Research in Elementary Education.** Any quarter. Two hours credit. Law.

Qualified students may pursue research in the field of elementary education and may receive credit upon the satisfactory completion of a paper embodying the results of such research. Registration by consent of the instructor.

160. **Measurements in Elementary Education.** Spring. M. W. F., 8:30. Three hours credit. Law.

A study of objective and standardized testing in the elementary school. Students in this course will undertake an actual program of testing, scoring, tabulating, interpreting results, and planning remedial instruction with the use of the Training School as a laboratory.

156. **Standard Tests and Testing.** Spring. M. W. F., 9:30. Three hours credit. Sudweeks.

The theory underlying measurement; available standard tests in elementary and high schools. Each student will carry out a complete testing project in the university training school.

169. **Measurement of High School Teaching.** Spring. M. W. F., 2:30. Three hours credit. Sudweeks.

A study of standard tests now available for use in the high school subjects. Scoring tests, interpreting results, and planning remedial teaching.

174. **Advanced Educational Psychology.** Winter. M. W. Th. F., 10:30; Spring. M. W. Th. F., 9:30. Four hours credit. Poulson. Prerequisite: Psychology 11. (See Psychology 174.)

175. **Psychological Tests.** Autumn. M. W. F., 9:30. Three hours credit. Gibb. Prerequisite: Psychology 11. See Psychology 175.

186. **Recent Trends in Education.** Winter. M. W. F., 1:30. Three hours credit. Lloyd.

Changing philosophies and practices in world education. New approaches to the religious education and adult education movements. The effect of modern social trends upon

curriculum, method and educational control. Includes trends in institutions of higher learning. (Not given this year.)

187. *Methods in Character Education.* Autumn. 9:30. Four hours credit. Lloyd.

A study of various methods and techniques in character education that are now in use in the United States, and an evaluation of the educational philosophy upon which each of these rests. Special attention will be given to the newer trends in this field.

190. *Social Ethics.* Spring. M. T. W. Th., 8:30. Four hours credit.

This course deals with the ethical theory as applied to our industrial and social problems; the breakdown of puritan ethics; individualism, Christian ethics. international goodwill and world peace.

191. *Secondary School Curricula.* Winter. 9:30. Four hours credit. Merrill.

The theory of the high school curricula. Particular attention is given also to the subject matter and student activities now required of students in the high schools of Utah.

194. *Educational and Vocational Guidance.* Autumn or Spring. M. T. W. Th., 9:30. Four hours credit. Merrill.

A consideration of the principles of educational and vocational guidance and early vocational experience as factors in determining the choice of an occupation; modification of the high school curriculum to facilitate the vocational choice.

195. *The Senior High School.* Spring. M. T. W. Th., 8:30. Four hours credit. Merrill.

This course deals with the problems of the senior high school, especially those concerned with modifications of present practices.

200. *The Master's Thesis in Education.* Each quarter. Lambert, Merrill, Sudweeks, Lloyd, Law.

Credit of two to five hours is given upon the completion of an acceptable thesis that embodies the results of independent research upon a significant problem in some field of concentration. Students should read the section of the catalog that contains the requirement of the graduate school. Credit in Education 118 is prerequisite.

ENGLISH

Professors Christensen, Reynolds, Holt, Jensen; Associate Professors Rowe, Young; Assistant Professors Carroll, Black; Mr. Stimpson, Mr. Tracy, Mr. Britsch

Scope of Instruction

The English department offers courses in English language,

English literature, American literature, and general and comparative literature. For convenience the courses in general and comparative literature are brought together.

Requirements for the Degree of Bachelor of Arts

Students who elect their major in English are required to complete thirty hours of work in English in addition to courses 1, 2, and 3. The following program of study in English is prescribed: courses 71, 72, 73, 74, 75 (four required); courses 83, 84, 85, 86, 88 (one required); courses 81, 95, 97 (one required); course 12 and course 82.

Students may, however, make substitutions as follows: course 60 for 72; 90 for 74; 91 for 75; 24 or 69 for 82; 57 or Journalism 51 or 52 or 53 for 12.

Twenty-four hours in one or more foreign languages are required. Courses in English history and general psychology are strongly recommended. Students inadequately grounded in grammar should take course 11.

Courses 20, 21, 22 are not open to students who elect their major in English. For students who minor in English and who intend to teach the subject, the department specially recommends the following: 11, 12, 15, 16, 71, 72, 73, 74, 75, 82, 97.

Students making English a minor and desiring the recommendation of the department to take secondary training in English, are required to take an examination in grammar and composition. Satisfactory credit in courses 11 and 12 entitles the student to the recommendation without examination.

Requirements for the Degree of Master of Arts

Candidates for the Degree of Master of Arts in English must have the equivalent of the requirements for the Degree of Bachelor of Arts in English; they must offer upper division or graduate credit in Old English, Chaucer, Shakespeare, and History of the English Language; they must have, exclusive of thesis credit, at least twenty hours of graduate credit in English; they must write a satisfactory thesis; and they must pass a comprehensive oral examination in the field of English language and literature.

Placement Tests for Freshman English

In Freshman English consideration is given to the individual needs of students. To determine these needs all freshmen are required to take a placement test at the time of registration. Assignments to classes are made after this test.

Lower Division Courses

- a. **English Grammar and Composition.** Autumn. M. W. F., 3:30. No credit.

An elementary course required of freshmen who make an unsatisfactory grade in the English placement test.

1. **Composition and Literature.** Autumn. M. W. F., Classes available at 8:30, 9:30, 10:30, 1:30, and 2:30. Three hours credit.

Review of grammar, study of the principles of composition, theme writing, and readings in literature.

2. **Composition and Literature.** Winter. Sections and time the same as in course I. Three hours credit.

Continuation of course 1.

3. **Composition and Literature.** Spring. Sections and time the same as in courses 1 and 2. Three hours credit.

Continuation of course 2.

4. **Business English.** Autumn, Winter, Spring. M. W. F., 9:30. Three hours credit. Holt.

The substance and style of business English; correctness of diction; business forms and usages.

11. **Advanced English Grammar.** Autumn and Spring. M. T. W. Th., 1:30. Four hours credit. Young.

Prerequisites: English 1, 2, and 3.

12. **Advanced Rhetoric and Composition.** Autumn. M. W. F., 2:30. Three hours credit. Christensen.

Long themes, lectures, conferences, and required reading.

Prerequisites: English 1, 2, and 3.

14. **Classic Myths.** Spring. T. Th., 8:30. Two hours credit. Carroll.

A study of Greek, Roman, and Teutonic myths with special reference to their literary uses.

15. **Early American Writers.** Autumn. T. Th., 1:30. Two hours credit. Tracy.

A survey of American literature from Captain John Smith to about 1865.

16. **Later American Writers.** Winter. T. Th., 1:30. Two hours credit. Tracy.

A survey of American literature from about 1865 to the present century.

17. **Contemporary American Poets.** Autumn. T. Th., 2:30. Two hours credit. Black.

A study of the principal American poets.

18. **Contemporary American Short Story Writers.** Winter. T. Th., 2:30. Two hours credit. Black.

A study of the principal American short story writers.

19. **Contemporary American Novelists.** Spring. T. Th., 2:30. Two hours credit. Black.

A study of the principal American novelists.

20. **Masterpieces of English Literature.** Autumn. T. Th. Sec. 1, 8:30. Carroll. Sec. 2, 9:30. Stimpson. Two hours credit.

A study of the principal English masterpieces.

21. **Masterpieces of English Literature.** Winter. T. Th. Sec. 1, 8:30, Carroll. Sec. 2, 9:30. Stimpson. Two hours credit.
A continuation of course 20.
22. **Masterpieces of English Literature.** Spring. T. Th. Sec. 1, 8:30. Carroll. Sec. 2, 9:30. Stimpson. Two hours credit.
A continuation of course 21.
23. **Contemporary British Literature.** Spring. M. W. F., 9:30. Three hours credit. Rowe.
24. **Shakespeare.** Autumn. M. T. W. Th., 2:30. Four hours credit. Young.
A comprehensive study of Shakespeare's poems and plays.
25. **Emerson.** Spring. T. Th., 1:30. Two hours credit. Tracy.
A study of the author's poetry and prose.
29. **An Introduction to Literature.** Winter. M. W. F., 10:30. Three hours credit. Christensen.
An introductory course in the study and appreciation of literature—poetry and prose.
See General and Comparative Literature, for courses 26, 27, 28; 61, 62, 63, 65, 66, 67, 68.

Upper Division Courses

52. **Argument and Debate.** Autumn. M. W. F., 9:30. Three hours credit. Rowe. (See Speech 52.)
A study of the principles of argument followed by a series of debates on current questions. Prerequisites: English 1, 2, and 3.
53. **Romantic Prose.** Autumn. T. Th., 10:30. Two hours credit. Rowe.
A study of the principal prose writings of the Romantic Movement.
58. **The New Biography.** Spring. T. Th., 8:30. Two hours credit. Jensen.
A study of the best recent biographies.
60. **English Drama to 1642.** Spring. M. T. W. Th., 2:30. Four hours credit. Young.
The beginning and development of English drama, not including Shakespeare, to the closing of the theaters.
71. **Medieval Literature.** Autumn. M. T. W. Th., 9:30. Four hours credit. Christensen.
72. **English Literature from 1500-1660.** Winter. M. T. W. Th., 2:30. Four hours credit. Young.
73. **English Literature from 1660-1780.** Spring. M. T. W. Th., 2:30. Four hours credit. Jensen.

74. English Literature from 1780-1832. Winter. M. T. W. Th., 10:30. Four hours credit. Rowe.
75. English Literature from 1832-1900. Spring. M. T. W. Th., 10:30. Four hours credit. Reynolds.
81. Chaucer. Winter. M. T. W. Th., 8:30. Four hours credit. Christensen.
82. Shakespeare. Spring. M. T. W. Th., 9:30. Four hours credit. Christensen.
An intensive and critical study of the principal plays.
83. Milton. Winter. M. W. F., 9:30. Three hours credit. Christensen.
A study of the author's poetry and prose.
84. Wordsworth. Spring. M. W. F., 10:30. Three hours credit. Rowe.
The author's theory of poetry and his principal poems will be studied.
85. Tennyson. Winter. M. W. F., 2:30. Three hours credit. Reynolds.
A study of the author's principal major and minor poems.
86. Browning. Spring. M. W. F., 2:30. Three hours credit. Reynolds.
A study of the author's principal major and minor poems.
87. Matthew Arnold. Autumn. T. Th., 10:30. Two hours credit. Christensen.
Study of Arnold's poetry and prose.
88. Samuel Johnson. Winter. M. W. F., 1:30. Three hours credit. Young.
A study of "Lives of the Poets," "Rasselas," and Boswell's "Life of Johnson."
89. Byron. Winter. T. Th., 9:30. Two hours credit. Rowe.
A study of the author's principal works.
90. Romantic Poetry. Autumn. M. W. F., 10:30. Three hours credit. Reynolds.
A study of romanticism as manifested in the poetry of the eighteenth and nineteenth centuries.
91. The Victorian Poets. Autumn. M. W. F., 2:30. Three hours credit. Reynolds.
92. The English Novel. Autumn. M. T. W. Th., 2:30. Four hours credit. Jensen.
The history of English prose fiction to the beginning of the Victorian Period.

93. **The Modern English Novel.** Winter. M. T. W. Th., 10:30. Four hours credit. Jensen.

A consideration of the technique of the novel and various phases of life reflected in this form of literature.

94. **The English Essay.** Winter. T. Th., 8:30. Two hours credit. Jensen.

The origins of the essay, and its development to the present time. (Not given this year.)

95. **Old English.** Autumn. M. T. W. Th., 8:30. Four hours credit. Christensen.

Old English grammar and reading exercises.

96. **Beowulf.** Spring. M. W. F. Time to be arranged. Three hours credit. Christensen.

The entire poem is read in the original. Prerequisite: Course 95. (Not given this year.)

97. **The History of the English Language.** Spring. M. T. W. Th., 8:30. Four hours credit. Christensen.

An historical and philological study of the language from the Old English period to the present time.

98. **The History of Literary Criticism.** Spring. M. W. F., 10:30. Three hours credit. Christensen.

A study of critical theories from ancient to modern times.

GENERAL AND COMPARATIVE LITERATURE

Lower Division Courses

- 26, 27, 28. **Types of World Drama.** Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. Rowe.

The great plays of the world are studied according to type.

Upper Division Courses

61. **Modern European Drama.** (Continental.) Autumn. T. Th., 2:30. Two hours credit. Reynolds.

62. **Modern European Drama.** (British.) Winter. T. Th., 2:30. Two hours credit. Reynolds.

63. **Modern Drama.** (American.) Spring. T. Th., 2:30. Two hours credit. Reynolds.

- 65, 66, 67. **Types of World Literature.** Autumn, Winter, Spring. T. Th., 10:30. Two hours credit each quarter. Carroll.

Graduate Courses

160. **English Drama to 1642.** Spring. 1:30. Young.

- 165, 166, 167. Types of World Literature. Autumn, Winter, Spring. T. Th., 10:30. Two hours credit each quarter. Carroll.
171. Medieval Literature. Autumn. 9:30. Four hours credit. Christensen.
172. English Literature from 1500 to 1660. Autumn. 2:30. Four hours credit. Young.
173. English Literature from 1660 to 1780. Spring. 2:30. Four hours credit. Jensen.
174. English Literature from 1780 to 1832. Winter. 10:30. Four hours credit. Rowe.
175. English Literature from 1832 to 1900. Spring. 10:30. Four hours credit. Reynolds.
181. Chaucer. Winter. 8:30. Four hours credit. Christensen.
182. Shakespeare. Spring. 9:30. Four hours credit. Christensen.
183. Milton. Winter. 9:30. Three hours credit. Christensen.
184. Wordsworth. Spring. 10:30. Three hours credit. Rowe.
185. Tennyson. Winter. 2:30. Three hours credit. Reynolds.
186. Browning. Spring. 2:30. Three hours credit. Reynolds.
187. Matthew Arnold. Autumn. 9:30. Two hours credit. Christensen.
188. Samuel Johnson. Winter. 1:30. Three hours credit. Young.
195. Old English. Autumn. 8:30. Four hours credit. Christensen.
196. Beowulf. Spring. M. W. F. Time to be arranged. Three hours credit. Christensen. (Not given this year.)
197. The History of the English Language. Spring. 8:30. Four hours credit. Christensen.
198. The History of Literary Criticism. Spring. 10:30. Three hours credit. Christensen.
200. Thesis for Master's Degree. Time and credit to be arranged.

GEOLOGY AND GEOGRAPHY

*Professors Hansen, Martin, Hales; Assistant Professor Coffman,
Mr. Dennis*

GEOLOGY

Geology 1, or 2, 3, 50, 51, 52, 57, 60, and either 90 and 91 or 70 and 74; Chemistry 4, 5, 6; Physics 41, 42, 43; Mathematics 11, 12; Drawing 6; and Engineering 1, 3 are required of students majoring in Geology. Geology 1 or 2, 3, 51 and either 50, 52 or 60 are required for a minor in Geology. Geography 5, 6, 52, 73 and either Geology 2 or Geography 50, or 51 are required of students minoring in Geography.

Lower Division Courses

1. General Physical Geology. Autumn, 10:30. Winter, 10:30 and 2:30. Spring, 7:30 and 10:30. Daily. Four hours credit. Four lectures and demonstration periods, and one quiz section. One or two Saturday field trips are required. Coffman, Dennis and Hansen.

A survey of the field of physical geology, which will give the student a basis for reading and thinking on the relation of the earth, man and nature.

2. Engineering Geology. Winter. Lectures, M. W. F., 9:30. Laboratory T. Th., 2:30 to 5:30, and two Saturday field trips. Five hours credit. Dennis.

The common rock-forming minerals, the common rocks and representative topographic maps will be studied in the laboratory. Prerequisite High School Geology. A course especially suited for majors in Geology, Physics and Chemistry.

3. Historical Geology. Autumn and Spring. Lectures M. T. W. Th., 9:30. Laboratory, F., 1:30 to 4:30, and two Saturday field trips. Five hours credit. Hansen.

A study of the history of the earth and the evolution of life forms. Representative fossil forms will be studied in the laboratory.

Upper Division Courses

50. Geology of the United States. Winter. Daily, 9:30. Five hours credit. Hansen.

A study of the stratigraphy, structure and areal geology of the United States from the geologic maps of representative areas. Prerequisite: Geology 3.

51. Structural Geology. Autumn. Daily, 8:30. Five hours credit. Dennis.

A study of rock structures caused by earth movements. Emphasis will be placed upon the solving of structural problems in sedimentary rocks and the primary structures of igneous and metamorphic rocks will be treated with less detail. Prerequisite: Geology 50 and 60.

52. Field Geology. Spring. Daily, 2:30. Five hours credit. Hansen.

A course in the practical application of geologic knowledge to the interpretation of field problems. Each student will be required to make a topographic and geologic map of

a small area in the Wasatch or elsewhere near the campus. Prerequisites: Geology 51 and Engineering 3.

57. **Soil Geology.** Spring. T. Th., 8:30. Laboratory M., 2:30. Three hours credit. Martin. Prerequisites: Geology 2 and 3; Chemistry 1, and Physics 21. (See Agronomy 57.)

60. **Mineralogy.** Spring. T. Th., 10:30. Laboratory T. Th., 2:30 to 5:30. Four hours credit. Dennis.

A general course in mineralogy. The laboratory will be devoted to crystallography and the identification of the non-silicate minerals by blowpipe analysis. Prerequisites: Chemistry 6 and Geology 2.

61. **Mineral Optics.** Winter. M. W., 2:30 to 5:30. Two hours credit. Dennis.

A study of the principles of mineral identification by means of the petrographic microscope. Prerequisite: Geology 60.

62. **Petrography.** Spring. M. W. 2:30 to 5:30. Two hours credit. Dennis.

A study of the common rocks with the aid of the petrographic microscope. Prerequisite: Geology 61.

63. **Petrology.** Spring. M. W., 2:30 to 5:30 and Saturday field trips. Two hours credit. Dennis. (Not given this year.)

A megascopic study of the common rocks with emphasis upon classification and field identification. Prerequisite: Geology 60.

70. **Invertebrate Paleontology.** Winter. Daily, 2:30 and laboratory work. Five hours credit. Hansen. Prerequisites: Zoology 55 and Geology 3.

71. **Physical Anthropology.** Spring. M. W. F., 10:30. Three hours credit. Hansen. Prerequisite: Geology 3. (Not given this year.)

73. **Sedimentation and Stratigraphy.** Winter. Daily, 2:30 and laboratory work. Five hours credit. Hansen. Prerequisite: Geology 52. (Not given this year.)

74. **Stratigraphy and Fossils of the Wasatch.** Spring. Time to be arranged. Eight hours field or laboratory work. Three hours credit. Hansen. Prerequisite: Geology 71. (Not given this year.)

90. **Ore Deposits.** Autumn. Daily, 8:30. Five hours credit. Dennis.

A study of the geologic occurrence and relationships of the ore minerals. Prerequisite: Geology 51 and 60.

91. **The Non-Metallic Minerals.** Winter. Daily, 8:30. Five hours credit. Dennis. Prerequisites: Geology 51 and 60. (Not given this year.)
92. **Geology of Ground Water.** Winter. Daily, 8:30. Five hours credit. Dennis. Prerequisite: Geology 51.

Graduate Courses

- 101, 102, 103. **Research.** Hours and credit to be arranged. Hansen and Dennis. Special problems in the field of Geology will be assigned to students prepared to do original work.
110. **Geology of Utah.** Autumn. T. Th., 2:30, and three long field trips, the expense of which is borne by the students. Three hours credit. Hansen. Prerequisite: Geology 51.
151. **Problems in Structural Geology.** Time and credit to be arranged. Dennis. Prerequisite: Geology 51.
152. **Engineering Problems in Geology.** Time and credit to be arranged. Hansen and Dennis. Prerequisite: Geology 51.
160. **Advanced Work in Mineralogy.** Time and credit to be arranged. Dennis. Prerequisite: Geology 61.
175. **Special Problems in Paleontology.** Spring. M., 10:30, and six hours laboratory work by arrangement. Three hours credit. Hansen.
190. **Special Problems in Metals.** Time and credit to be arranged. Dennis. Prerequisite: Geology 90.
191. **Special Problems in Non-Metals.** Time and credit to be arranged. Dennis. Prerequisite: Geology 91.
193. **Ore Deposits of Utah.** Winter. Daily, 8:30. Five hours credit. Dennis. Prerequisite: Geology 90. (Not given this year.)
196. **Readings in Geology.** Any quarter. One to six hours credit, no more than two hours of which may be taken in any one quarter. Hansen and Dennis.
200. **Thesis Work.** Not more than six hours credit.

GEOGRAPHY

Lower Division Courses

5. **Introductory Geography.** Autumn. Daily, 8:30. Five hours credit. Coffman.

The elements of the natural environment and the relation of geography to the physical and social sciences. This course will satisfy the laboratory requirement for physical sciences.

6. **Regional-Economic Geography.** Winter. Daily, 8:30. Five

hours credit. Coffman. Prerequisite: Geography 5. (See Marketing 30.)

The geography of world commodities; a survey of the economic activities of the world's political entities from a regional aspect.

7. Advanced Physiography. Spring. Daily, 1:30, and several field trips by arrangement. Five hours credit. Hansen and Coffman. Prerequisites: Geography 5 and Geology 2.
16. Descriptive Astronomy. Spring. M. T. W. Th., 10:30. Four hours credit. Hales. (See Physics 16.)

Upper Division Courses

50. Climatology. Spring. M. W. F., 7:30. Three hours credit. Coffman.

Elements, controls and types of climate and their distribution. Also recent thought on climatic regions. Prerequisite: Geography 5 and 6, or 15 hours in natural sciences including agronomy, botany, or meteorology. (Not given this year.)

51. Geography of Commerce and Trade. Spring. T. Th., 1:30. Two hours credit. Coffman. Prerequisite: Geography 6. (Not given this year.)

52. Human Geography. Winter. T. Th., 2:30. Two hours credit. Hansen.

The response man has made to his geographic environment. Prerequisites: Geology 1, or Geography 5.

54. Conservation and Land Utilization. Spring. M. W. F., 7:30. Three hours credit. Coffman. (Not given this year.)

Importance, location, and conservation of our natural resources. Prerequisites: Geography 6 or 15 hours in natural or social science including Agronomy, Botany, or Economics.

55. Geography of North America. Spring. M. W. F., 10:30. Three hours credit. Coffman. Prerequisite: Geography 5 and 6. (Not given this year.)

56. Geography of Latin America. Spring. M. W. F., 1:30. Three hours credit. Coffman. Prerequisites: Geography 5 and 6. (Not given this year.)

57. Geography of Europe. Spring. M. W. F., 1:30. Three hours credit. Coffman. Prerequisites: Geography 5 and 6. (Not given this year.)

58. Geography of Asia. Spring. M. W. F., 1:30. Three hours credit. Coffman. Prerequisites: Geography 5 and 6. (Not given this year.)

60. The Teaching of Geography. T. Th., 1:30. Spring. Two hours credit. Coffman. Prerequisites: Geography 5 and 6. (Not given this year.)
73. Meteorology. Autumn. M. T. W. Th., 10:30. Four hours credit. Hales. (See Physics 73.)

Graduate Courses

- 105, 106, 107. Research. Hours and credit to be arranged. Hansen and Coffman.

Under this course special problems may be assigned students who are prepared to do original work in the field of Geography.

111. Physiography of Utah. Spring. T. Th., 8:30, and three Saturday field trips. Three hours credit. Hansen.

Deals with the present surface forms of Utah and how they came to be developed.

150. Special Problems in Climatology. Time and credit to be arranged. Coffman.
152. Special Problems in Human Geography. Time and credit to be arranged. Hansen.
154. Special Problems in Conservation and Land Utilization. Time and credit to be arranged. Coffman.
200. Thesis Work. Not more than six hours credit.

HISTORY

Professors Jensen, Snow; Associate Professor Sperry; Assistant Professor Swenson; Mr. Wilson, Mr. Gaeth.

Requirements for a Major in History

Students must present a minimum of fifteen hours of upper division credit in History. The upper division courses selected must be approved by the major professor at the time of registration.

Lower Division Courses

1. History of Civilization. Autumn and Spring. Daily, 8:30. Five hours credit. Gaeth.

An orientation course covering all phases of human achievement. Cultural and constructive forces are of chief consideration. The survey is universal in time and place.

10. History of England to 1485. Autumn. M. W. F., 8:30. Three hours credit. Wilson.

Origin and development of the English people and English institutions from earliest times to 1485.

11. History of England, 1485 to 1714. Winter. M. W. F., 8:30. Three hours credit. Wilson.

Special consideration to the development under the Tudors and the struggle of Divine right claims of the Stuarts against parliamentary prerogative. The triumph of Parliament, 1689-1714.

12. History of England, 1714 to 1937. Spring. M. W. F., 8:30. Three hours credit. Wilson.

Cabinet government. A survey of the reform movements, political, economic and humanitarian in the nineteenth century, and England's relation to foreign affairs, to the time of the World War and after.

20. History of the United States to 1789. Autumn. M. W. F., 2:30. Three hours credit. Wilson.

Problems of discovery, exploration, and colonization; causes, conflicts, and results of American Revolution; establishment of state governments; formation and ratification of Constitution of the United States.

21. History of United States, 1789 to 1861. Winter. M. W. F., 2:30. Three hours credit. Wilson.

Federalist and Anti-Federalist control of government; foreign affairs and the Monroe Doctrine; "Rise of the New West"; problems of nullification; economic, political, and moral phases of slavery.

22. History of United States, 1861 to 1937. Spring. M. W. F., 2:30. Three hours credit. Wilson.

Problems of the Civil War and reconstruction; the new economic era; a new imperialism; the United States and the World War; post-war problems.

27. —History of Hispanic America. Autumn. M. W. F., 9:30. Three hours credit. Snow.

A brief survey of the colonial period, and a study of the causes and results of the wars for independence.

28. History of Hispanic America. Winter. M. W. F., 9:30. Three hours credit. Snow.

A study of the struggle for stable governments after independence was gained. The characteristics of special sections will be given consideration.

29. **History of Hispanic America.** Spring. M. W. F., 9:30. Three hours credit. Snow.

In this quarter, careful consideration will be given to inter-American and international relations with special emphasis on the United States and Hispanic American peace and trade pacts.

40. **History of Germany and Central Europe.** Winter. M. W. F., 8:30. Three hours credit. Gaeth.

A study of the history of the development of Germany and Central Europe with particular attention to the post-war period.

Upper Division Courses

50. **Early Oriental History.** Autumn. M. W. F., 10:30. Three hours credit. Sperry.

A study of ancient civilizations including Egypt, Babylonia, Assyria, China, India, Arabia, Persia; also of the Hebrews, and other oriental races. The course is helpful to those especially interested in the Jewish scripture.

54. **Greek History.** Winter. M. W. F., 10:30. Three hours credit. R. B. Swenson.

A study of the social, cultural, economic, and political developments of the Greek people from the early heroic age down to Alexander. Major emphasis on phases of Greek culture which have influenced Western civilization.

57. **Roman History.** Spring. M. W. F., 10:30. Three hours credit. R. B. Swenson.

A survey extending from the rise of the Republic to the reign of Justinian. Special consideration will be given to the economic, social, cultural, and political forces which brought about the growth and decline of the Empire.

62. **Medieval History.** Autumn. M. W. F., 9:30. Three hours credit. Snow. (Not given this year.)

Survey of the period from the disintegration of the Roman Empire to 814. Emphasis will be placed on the development of the Papacy, the growth of Monasticism, the conversion of the barbarians and the significant reign of Charlemagne.

63. **History of Europe, 814-1250.** Winter. M. W. F., 9:30. Three hours credit. Snow. (Not given this year.)

A study of the social, economic and religious changes implicit in Feudalism, the Crusades, and the rise of cities.

64. Close of the Middle Ages, 1250-1555. M. W. F., 9:30. Three hours credit. Snow. (Not given this year.)

Emphasis in this period will be placed on the rise and growing power of the Third Estate, the Renaissance, the Reformation, and the emergence of monarchical states.

70. History of Europe, 1556-1776. Autumn. M. W. F., 2:30. Three hours credit. Snow.

A study of the revolutionary ideas that challenged the traditional views in science, theology, economics, and politics, and a consideration of the conflicts resulting therefrom.

71. Europe, 1776-1878. Winter. M. W. F., 2:30. Three hours credit. Snow.

A study of the revolutionary movements in America and Europe; the American and French revolutions; the period of reaction and emergence of liberalism and nationalism. The period from 1848 to 1878 will be given special emphasis.

72. Europe since 1878. Spring. M. W. F., 2:30. Three hours credit. Snow.

A study of the spread of industrialism and the consequent imperialistic competition resulting in the World War. A concluding survey of international relations and the underlying forces that make for peace or war.

75. History of the Peace Conference 1918-1920. Spring. T. Th., 10:30. Two hours credit. Wilson.

A brief comparison with the Congress of Vienna; a review of the pre-peace commitments that affected the proceedings; a discussion of the personnel and work of the Big 10 and Big 4; consequences of the peace.

80. History of the American West. Autumn. M. W. F., 3:30. Three hours credit. Snow.

America the frontier of Europe. International rivalry for the Caribbean area; the Atlantic tide water and the Pacific Coast. Problems of the West to 1803.

81. History of the West. Winter. M. W. F., 3:30. Three hours credit. Snow.

The significance of the Frontier in the development of a distinctive Americanism; the West in national issues 1803-1861.

82. History of the West. Spring. M. W. F., 3:30. Three hours credit. Snow.

The development and colonization of the Trans-Missis-

issippi, the Rocky Mountains, and the Pacific West 1803-1892. Special consideration will be given to the Mormon migration and the development of Utah.

90. **Constitutional History of England.** Winter. M. W. F., 10:30. Three hours credit. Wilson.

A study of English constitutional development from the Anglo-Saxon period to the present. Attention is given to the origin and evolution of the royal prerogative, the judicial and administrative systems, the growth of Parliament, the development of cabinet responsibility. The aim is to understand the processes which have resulted in the establishment of a constitutional democratic form of monarchy.

95. **American History to 1789.** Autumn. T. Th., 9:30. Two hours credit. Jensen.

A study of colonial institutions and the constitutional relations between the colonies and the mother country; constitutional theories and principles involved in the Revolution; formation of the federal constitution.

96. **History of the United States from 1789 to 1865.** Winter. T. Th., 9:30. Two hours credit. Jensen.

A study of the organization of the new government; the problems of nationality and state rights; the problems involved in slavery and in the expansion of the nation; constitutional theory of secession; constitutional aspects of the war power.

97. **History of the United States since 1865.** Spring. T. Th., 9:30. Two hours credit. Jensen.

Political, economic, and social reconstruction after the Civil War; industrial and economic expansion, the problem of insular possessions; the World War and its after effects; economic depression and the "New Deal."

Graduate Courses

110. **History of England, 1066-1485.** A study of the rise of the bourgeoisie and the evolution of Parliamentary supremacy.
111. **History of England, 1485-1714.** An intensive study of the evolution of cabinet government, or the Machine Age and its industrial and social consequences.
112. **History of England, 1714-1937.** Expansion and industrialism and the new economic doctrine of laissezfaire.
150. **Early Oriental History.** Problems of ancient civilizations.

- 151, 152, 153. **History of Hebrew Civilization.**
154. **Grecian History.** A study of important problems dealing with the development of Greek life and culture.
157. **Roman History.** Problems of agrarian reform and Roman imperialism.
162. **Medieval History.** Studies dealing with the Papacy and Monasticism.
163. **Medieval History.** Problems relating to Feudalism, the Crusades, and the rise of cities.
164. **Medieval History.** Emphasis on the Renaissance, the Reformation, rise of the Third Estate, and the rise of monarchical states.
170. **Modern History.** A new science and philosophy of the seventeenth and eighteenth centuries.
171. **Modern History.** The struggle between liberalism and conservatism in the nineteenth century.
172. **Modern History.** Some problems connected with the World War and intricate world relations since then.
180. **History of the West.** The West as a factor in international rivalry to 1763, and as a potential force in the American Revolution.
181. **History of the West.** The influence of the West in the opening of the Mississippi, the War of 1812, the American system, etc.
182. **History of the West.** The history of the Trans-Mississippi West, the Great Basin, etc.
190. **Constitutional History of England.** Emphasis upon fundamental movements connected with English constitutional growth.
195. **American Constitutional History.** Problems involved in the constitutional development of the United States.
198. **Problems in Historical Research.**
200. **Research for Master's Thesis.**

HOME ECONOMICS

Professors Warnick, Elliott, Poulson, Larsen; Assistant Professors Barlow, Dixon, Johansen; Miss Billings, Miss Alleman

It is advised that students of Home Economics take both major and minor in this department as this facilitates placement in teaching positions. Major and minor may be obtained in

Clothing and Textiles, Foods and Nutrition, Household Administration, and Vocational Home Economics teaching major.

All freshmen who expect to major in Home Economics are required to take Household Administration 5. All seniors are required to take Household Administration 73. All teaching majors are required to take Household Administration 71 and 72. Foods and Nutrition majors are required to take Chemistry 7, 8 and 9, Bacteriology 21 and 22; and Zoology 25. Clothing and Textile majors are required to take Art 21, 25 and 26, and Chemistry 2 and 3 or 7 and 8. Household Administration majors are required to take Art 21, 28, 29; Physics 11 and Chemistry 2 and 3 or 7 and 8.

CLOTHING AND TEXTILES

Clothing and Textiles 1, 2, 3, 55, 56, 60, 61, 62, 65, 66, and Chemistry 2 and 3 or 7 and 8 are required of all who major in Clothing and Textiles. Other additional hours are elective with the advice of the major professor.

Lower Division Courses

1 or 70. Clothing Selection and Construction. Autumn. M. T. W. Th., Sec. 1, 8:30. Sec. 2, 2:30. Three hours credit. Billings.

Fundamental principles of clothing selection and construction. Emphasis on the development of skills and the use of commercial patterns. Prerequisite or parallel: Art 21.

2 or 71. Clothing Design and Construction. Winter. 8:30 and 2:30. Three hours credit. Billings. Prerequisite 1 or 70.

Design and pattern blocking, with aim to develop freedom in design and modification of patterns.

3 or 72. Clothing Selection and Construction. Spring, 8:30 and 2:30. Three hours credit. Billings.

Problems in selection and construction; emphasis on textiles, textures and artistic dress. Prerequisites: 1 and 2; Art 25, 26.

5. Survey Course in Clothing Construction. Autumn, Winter, Spring, M. T. W. Th., 10:30. Three hours credit. Billings.

Introducing problems involved in selection and construction of personal clothing.

10. Dress Appreciation. Autumn. M. W. F., 1:30. Three hours credit. Billings.

A study of the economic and artistic problems involved in purchase of ready-to-wear clothing; fashion trends, clothing care, etc.

Upper Division Courses

50. Clothing Decoration. Autumn. M. T. W. Th., 9:30. Two hours credit. Elliott.

Planning and developing simple decorative stitches applicable to household and dress decoration. Articles of clothing applying these stitches will be made.

51. Applied Decoration. Winter. M. T. W. Th., 9:30. Two hours credit. Elliott.

A consideration of line, form, and color, in using decorative stitchery, knitting and crocheting on clothing and household articles.

52. Children's Clothing. Spring. M. T. W. Th., 9:30. Two hours credit. Elliott.

A consideration of design and construction of children's clothing suitable to various ages and types.

55. Advanced Garment Construction. Autumn. T. Th., 1:30. Two hours credit. Elliott.

Practice in renovating and remodeling. The principles of tailoring and applying the same to clothing.

56. Advanced Garment Construction. Winter. T. Th., 1:30. Three hours credit. Elliott.

Tailoring technique applied in the construction of coats, suits, and dresses.

57. Wardrobe Building. Spring. T. Th., 1:30. Two hours credit. Elliott.

Planning and designing dainty clothing for a college girl's wardrobe. Emphasis is put on the finishings of trimmings and material.

- 60, 61. Textiles. Autumn and Winter. T. Th., 10:30. Three hours credit each quarter. Elliott.

History of primitive and modern methods of manufacturing textile fibers. The construction and finish of fabric and factors of quality and cost. Prerequisite: Chemistry 2 and 3 or 7 and 8.

62. Economics of Clothing Selection. Spring. T. Th., 10:30. Three hours credit. Elliott. (See Marketing 62.)

Open to all upper division students. A study of factors involved in the selection and purchasing of clothing, with an evaluation of guides and sources of information for the consumers. Field trips to stores and industries.

65. Historic Costume and Costume Design. Winter. M. W. F., 1:30. Three hours credit. Billings.

Historic development of fashion and fashion trends. Costume for school entertainment. Prerequisite or parallel: Art 21, 25, 26.

Note: Art Appreciation and General or European History are important background courses.

66. Costume Design. Spring. M. W. F., 1:30. Three hours credit. Billings.

A study of art principles and their application to costume design for general and specific types. Emphasis on original design by use of historic and current source material. Prerequisites: Clothing, 1, 2, 3, 65; Art 21, 25, 26.

Graduate Courses

- 160, 161. Textiles. Autumn and Winter. T. Th., 10:30. Three hours credit each quarter. Elliott.
162. Economics of Clothing Selection. Spring. T. Th., 10:30. Three hours credit. Elliott.

FOODS AND NUTRITION

Foods and Nutrition 10, 11, 12, 50, 53, 54, 55 and 56 are required of all who major in Foods and Nutrition. Other additional hours are elective with the advice of the major professor.

Lower Division Courses

1. Food Problems in the Home. Autumn. T. Th., Lecture 2:30-3:30. Three hours credit. Dixon.

For girls not majoring in home economics who desire some experience in planning, preparing and serving balanced, well-cooked family meals. Emphasis will be placed on fundamental principles underlying cooking methods.

2. Food Problems in the Home. Winter. T. Th., Lecture 2:30-3:30. Laboratory, 3:30-5:30. Three hours credit.

A continuation of course 1. Emphasis on family food problems such as marketing, budgeting, management of time, menu planning, etc.

3. Food Problems in the Home. Spring. T. Th., Lecture 2:30-3:30. Laboratory, 3:30-5:30. Three hours credit.

A continuation of course 2. Consideration will be given to social customs in relation to food service, types of party luncheons, catering, etc.

Note: Courses 1, 2, and 3 may be taken in order but there are no prerequisites.

4. **Cookery Problems For Men.** Autumn. M. W. F. One lecture and two laboratory periods, 7:30-8:30. Two hours credit. Alleman.

For men desiring experience in simple meal preparation.

5. **Elementary Nutrition.** Autumn. M. W. F., 8:30. Three hours credit. Dixon.

The nutritive properties of common foods and the essentials of an adequate diet, with special attention to the diet of students. Open to men and women. Required of minors in Foods and Nutrition.

- 10 or 70. **Food Selection, Preparation, and Serving.** Autumn. M. W. Lecture 2:30-3:30. Laboratory, Sec. 1, T. Th., 8:30-10:30; Sec. 2, M. W., 3:30-5:30. Three hours credit. Barlow.

Special attention is given to experimental cookery. A balanced diet with emphasis upon breakfast and dishes suitable to be served at this meal is considered. Prerequisite or parallel, Chemistry 7.

- 11 or 71. **Food Selection, Preparation, and Serving.** Winter. M. W., Lecture 2:30-3:30. Laboratory. Sec. 1, T. Th., 8:30-10:30; Sec. 2, M. W., 3:30-5:30. Three hours credit. Barlow.

Special emphasis on different luncheon dishes. Various types of luncheons are served. Prerequisite: Course 10 and Chemistry 7 and 8.

- 12 or 72. **Food Selection. Preparaton and Serving.** Spring. M. W. Lecture, 2:30-3:30. Laboratory, Sec. 1, T. Th., 8:30-10:30; Sec. 2, M. W., 3:30-5:30. Three hours credit. Barlow.

Special emphasis is placed on family table service. Dishes and menus for different types of dinners are studied. Prerequisite. Course 11 and Chemistry 7 and 8.

- 15 or 75. **Food Economics.** Autumn. T. Th., 10:30. Laboratory in form of field trips. Three hours credit. Barlow.

Food purchasing as affected by markets, advertising, brands, and other factors.

Upper Division Courses

50. **Institutional Management.** Autumn, Winter, Spring. Daily, 10:30-1:30. Five hours credit. Dixon.

Practical laboratory experience in management of school cafeterias, quantity cookery, marketing, cafeteria accounting. Prerequisites or parallel courses, Foods and Nutrition 10, 11, 12, 51. Limited to six students each quarter. Register in the fall.

51. **Institutional Management and Accounting.** Winter. F., 2:30. One hour credit. Dixon.

Organization and management problems of school cafeterias, high school home economics and hospital dietary departments, including principles and current procedure in accounting and business. Should be taken parallel with foods 50.

52. **Nutrition of Children.** Spring. M. W. F., 8:30. Three hours credit. Dixon.

Nutritional requirements and disorders of pregnancy, infancy, the pre-school and the school child.

53. **Nutrition.** Autumn. M. W. F., 9:30. Laboratory Th., 2:30-5:30. Four hours credit. Barlow.

A study of the chemistry, digestion and metabolism of carbohydrates, fats, and proteins; the effect of food on health and growth. Prerequisites: Chemistry 3, 9, 53 and Foods and Nutrition 10, 11, 12.

54. **Dietetics.** Winter. M. W. F., 9:30. Laboratory Th., 2:30-5:30. Four hours credit. Barlow.

A study of minerals and their metabolism; vitamins and the deficiency diseases. The food requirements of the family and individual are considered. Prerequisite: Course 53.

55. **Nutrition in Disease.** Spring. M. W. F., 9:30. Laboratory, Th., 2:30-5:30. Four hours credit. Barlow.

This course deals with the value of food in maintaining health. Emphasis is placed on special diets for different diseases. Prerequisite: Courses 53 and 54.

56. **Seminar in Nutrition.** Winter. Time to be arranged. Two hours credit. T. Th., 10:30. Barlow.

Required of all senior girls majoring in Foods and Nutrition.

57. **Advanced Problems in Cookery.** Winter. Time to be arranged. Two hours credit. Lecture and laboratory period. (Not given this year.)

58. **Experimental Animal Nutrition.** Open to seniors and graduates only. Johansen.

This course is designed to acquaint students with the methods used in small animal experimentation. One hour lecture. Laboratory time and credit to be arranged. Prerequisite: 5 hours in organic or biochemistry and courses 53 and 54.

Graduate Courses

150. Large Quantity Cooking and Marketing. Autumn, Winter Spring. Daily, 10:30-1:30. Five hours credit. Dixon.
153. Nutrition. Autumn. M. W. F., 9:30. Laboratory, Th., 2:30-5:30. Four hours credit. Barlow.
154. Dietetics. Winter. M. W. F., 9:30. Laboratory. Th., 2:30-5:30. Four hours credit. Barlow.
155. Nutrition in Disease. Spring. M. W. F., 9:30. Laboratory. Th., 2:30-5:30. Four hours credit. Barlow.
156. Seminar in Nutrition. Spring. T. Th., 10:30. Two hours credit. Barlow.

HOUSEHOLD ADMINISTRATION

Household Administration 12, 53, 54, 60, 61, 80, 81, 82, or 78 are required of all who major in Home Economics or Household Administration. Other additional hours are elective with the advice of the major professor.

Lower Division Courses

1. Household Problems. Autumn. T. Th., 8:30. Two hours credit. E. Warnick.

This course will present the most important problems in the organization and management of the household.

- 5 or 70. Vocational Survey of Field of Home Economics. Autumn. F., 3:30. One hour credit. Warnick.

Vocational opportunities for home economics trained women are investigated and discussed. Required of all major students.

10. Family Health. Winter. T. Th., 8:30. Two hours credit. Dixon.

A consideration of factors underlying health; common communicable diseases and their treatment; home care of the sick.

- 12 or 62. Family Relationships. Spring. M. W. F., 1:30. Three hours credit. E. Warnick.

The modern family, its functions and structure; modern social conditions affecting its stability and pattern; responsibilities and contributions of members of the family. Open to men and women.

Upper Division Courses

52, 53, 54. **Interior Decoration.** Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. Larsen. Prerequisites: Art 21, 28, 29. (See Art 91, 92, 93.)

60. **Home Management.** Spring. M. W. F., 8:30. Three hours credit. E. Warnick.

The study of the organization and management of the home, including home ideals, methods of work, division of time in the household and household tools.

61. **Economic Problems of the Family.** Winter. M. W. F., 8:30. Three hours credit. E. Warnick.

A study of the family income and its expenditure. Prerequisite: Sociology 11 or Economics 1.

63. **Standardization of Consumer's Goods.** Winter. M. W. F., 10:30. Three hours credit. E. Warnick.

Considers the position of the consumer-buyer today; the nature of standards and standardization; the process, and present status of standardization.

64. **Housing Problems of the Modern Family.** Autumn. M. W. F., 8:30. Three hours credit. E. Warnick.

This course will aim to present and discuss problems facing the homemaker today in the selection of shelter for the family.

65. **Equipment.** Spring. M. W. F., 10:30. Three hours credit. Barlow.

A study of electrical and non-electrical equipment for the home. Fundamental factors determining selection and use.

66. **Home Laundry.** Autumn. T. Th., 9:30. Two hours credit. Warnick. (Not given this year.)

Location of and equipment of the home laundry. Supplies and methods. Treatment of various textiles.

71.* **Methods of Teaching Home Economics.** Spring. T: Th., 7:30. Two hours credit. Alleman.

The historical development, growth; present scope and trend; objectives of home economics education; its organization and relation to the present educational set-up.

*Household Administration 71, 72, 73 fulfill special methods requirements for a vocational education teaching certificate.

- 72.* **Methods of Teaching Home Economics.** Autumn. T. Th., 7:30. Two hours credit. Alleman.

Teaching methods as applied to home economics curriculum content; equipment and teaching facilities; laboratory arrangement and management. (Not given this year.)

- 73.* **Seminar.** Spring. Th., 8:30. One hour credit. For all senior majors. E. Warnick.

78. **Psychology of Childhood and Adolescence.** Winter. M. W. F., 8:30. Three hours credit. Poulson. (See Psychology 78.)

79. **Psychology of Personality.** Autumn. M. W. F., 8:30. Three hours credit. Poulson. (See Psychology 79.)

80. **Child Care.** Autumn. M. W. F., 1:30. Three hours credit. E. Warnick.

Problems of parental and infant care; physical and mental standards of development; general care and hygiene of mother and child.

81. **Child Development.** Winter. M. W. F., 1:30. Three hours credit. E. Warnick.

Habit formation and behavior problems of the infant and pre-school child; home influence in the care and training of children; mental hygiene, observation of children in the home and nursery school.

82. **Seminar in Child Development.** Spring. T., 8:30. One hour credit. E. Warnick.

Graduate Courses

160. **Home Management.** Spring. M. W. F., 8:30. Three hours credit. E. Warnick.

161. **Economics of the Household.** Winter. M. W. F., 8:30. Three hours credit. E. Warnick.

164. **Housing Problems of the Family.** Autumn. M. W. F., 8:30. Three hours credit. E. Warnick.

173. **Seminar.** Spring. Th., 8:30. One credit hour. E. Warnick.

180. **Child Care.** M. W. F., 1:30. Three hours credit. E. Warnick.

181. **Child Development.** Winter. M. W. F., 1:30. Three hours credit. E. Warnick.

182. **Seminar in Child Development.** Spring. T., 8:30. One hour credit. E. Warnick.

*Household Administration 71, 72, 73 fulfill special methods requirements for a vocational education teaching certificate.

HORTICULTURE

*Professors Shaw and Morris; Assistant Professor Johansen;
Mr. Smeath*

Lower Division Courses

1. **Principles of Pomology.** Autumn. Daily, 9:30. Five hours credit. Shaw and Smeath.
The principles underlying profitable orchard management and small fruit culture will be studied.
2. **Truck Crops.** Winter. Daily, 8:30. Five hours credit. (Offered in alternate years; not given this year.)
Fundamental principles underlying the production of vegetable crops.
3. **Plant Propagation.** Spring. T. Th., 8:30. (Laboratory W., 2:30 to 5:30.) Three hours credit. Smeath.
Sexual and asexual methods in the reproduction of plants will be studied. The use of chemicals, hormones, etc., in the rooting of plants will also be considered.
- 4, 5. **Ornamental Herbaceous Plant Materials.** Autumn, Winter, Spring. T., 1:30. One hour credit each quarter. Morris.
Annual and perennial flowering plants used in landscape design will be studied. Cultural methods, and insects and disease pests of each will be also considered.
6. **Ornamental Herbaceous Plant Materials.** Spring. T. Th., 1:30. Two hours credit. Morris. (Offered in alternate years; given this year.)
Annual and perennial flowering plants used in landscape design will be studied.
8. **Ornamental Woody Plant Materials.** Autumn. T. Th., 8:30. (Laboratory 2:30 to 5:30.) Three hours credit. Morris. (Offered in alternate years; not given this year.)
Ornamental shrubs and trees used in landscape design will be studied. The student will learn to identify a large number, and also to control various pests that attack them.
9. **Ornamental Woody Plant Materials.** Spring. T. Th., 8:30. (Laboratory 2:30 to 5:30.) Three hours credit. Morris. (Offered in alternate years; not given this year.)
This course is a continuation of Horticulture 8.
20. **Theory and Practice of Landscape Design.** Spring. T. Th., 9:30. (Laboratory 2:30 to 5:30.) Three hours credit. Morris. (See Landscape Architecture 20.)
32. **Marketing Fruits and Vegetables.** Winter. M. W. F., 9:30. Three hours credit. Shaw. (Offered in alternate years; not given this year.)
Problems dealing with the transportation, marketing and storage of fruits and vegetables. Particular emphasis

will be placed upon marketing methods and specific marketing problems.

40. Weeds. Autumn. T. Th. Three hours credit. (Laboratory Th., 3:30 to 5:30. Shaw.

The important weeds occurring in Utah and their control. Study will be made of the weed seeds likely to occur in commercial seed.

Upper Division Courses

51. Origin and History of Cultivated Plants. Winter. T. Th., 8:30. Two hours credit. Morris. (Offered in alternate years; not given this year.)

Study of origin of species and varieties. Changes and adaptation of plants. Interesting historical facts of plants.

52. Systematic Pomology. Autumn. T. Th., 1:30. (Laboratory F., 2:30 to 5:30.) Two or three hours credit. Shaw.

Emphasis placed on the identification, description, and nomenclature of fruits and fruit trees.

53. Advanced Pomology. Autumn. M. W. F., 10:30. Three hours credit. Shaw. (Offered in alternate years; not given this year.)

A technical course based upon plant physiology and morphology as applied to fruit production.

54. Advanced Truck Crops. Autumn. M. W. F., 10:30. Three hours credit. Shaw.

A technical course in the taxonomy and morphology of the truck crops.

55. Orchard Practice. Spring. Time to be arranged. One hour credit. Smeath.

A study of horticultural problems in Utah. Orchards and plantations will be visited and studied.

59. Plant Breeding. Winter. M. W. F., 1:30. Three hours credit. Morris.

A study of plant genetics in relation to improvement of plants. Methods of hybridizing and selection as practiced in Europe and America.

60. Floriculture. Autumn. M. W. F. Three hours credit. (Not given this year.)

The production of flowers and special reference to home culture and use.

80. Methods of Research. Winter. M. W. F., 9:30. Three hours credit. Shaw.

Biometric analysis, field plot technique and organization and prosecution of a thesis.

90. Plant Chemistry. Spring. T. Th. F., 1:30. Five hours credit. (Laboratory T. Th., 2:30.) Shaw or Johansen.

This course will deal with the chemistry of plant compounds as well as with their function in plant metabolism.

91, 92, 93. Seminar. Autumn, Winter, Spring. One hour credit each quarter. Shaw.

Current horticultural literature will be reviewed. For seniors majoring in horticulture.

96. Special Problems in Horticulture. Autumn, Spring, Winter. Credit and subject matter to be arranged. Shaw.

Graduate Courses

102, 103, 104. Research. Autumn, Winter, Spring. Time and credit to be arranged.

153. Advanced Pomology. Autumn. M. W. F., 10:30. Three hours credit. Shaw. (Offered alternate years; not given this year.)

154. Advanced Truck Crops. Autumn. M. W. F., 10:30. Three hours credit. Shaw.

180. Methods of Research. Winter. M. W. F., 9:30. Three hours credit. Shaw.

190. Plant Chemistry. Spring. T. Th. F., 1:30. Five hours credit. Laboratory T. Th., 2:30.

191, 192, 193. Seminar. One hour credit each quarter. Shaw. Current Horticultural literature will be reviewed.

196. Special Problems in Horticulture. Autumn, Winter or Spring. Credit and subject matter to be arranged. Shaw.

JOURNALISM

Professors H. R. Merrill, Pardoe, J. M. Jensen, Hales; Associate Professor Morley; Assistant Professors Culmsee, E. M. Jenson; Mr. Gaeth, Mr. Smith

English 1, 2, and 3 are prerequisites for all courses in Journalism with the exception of Courses 1, 6, and 7 which may be taken concurrently with those courses.

Students who elect to major in Journalism must present thirty hours of credit in Journalism and thirty hours in English. The following subjects are required. Journalism 1, 2, 3, 4, 5, 7, 51, 52 or 53, 54, 59, 65.

The following are suggested as minors in Journalism: Accounting and Business Administration, Art, Economics, History, Office Practice, Political Science, Sociology.

All majors in Journalism must be able to operate a typewriter.

Lower Division Courses

1. History of Journalism. Autumn. T. Th., 10:30. Two hours credit. Merrill.

This course will include a study of the development of

the English as well as the American press, but will lay special emphasis upon recent times and movements.

2. **News and Newswriting.** Autumn. M. W. F., 8:30. Three hours credit. Smith.

A course in the study of what constitutes news as well as practice in gathering and writing news copy.

- 3, 4. **Reporting.** Winter, Spring. Time to be arranged. Two hours credit each quarter. Merrill and Smith. Prerequisite: Journalism 2 and consultation with the instructor.

Methods of gathering and reporting news. Students will gather news in the regular channels in the City of Provo and will have experience in reporting for the daily press. Meetings for lectures will be arranged.

5. **Editing and Makeup.** Winter. M. W. F., 2:30. Three hours credit. Jensen. Prerequisite: Journalism 2.

A study of and practice in copy reading, editing, newspaper makeup, and headline writing.

6. **College Journalism.** Autumn. Time to be arranged. One hour credit. Merrill and Smith. Limited to Y News Staff.

7. **Ethics of Journalism.** Autumn. T. Th., 8:30. Two hours credit. Jensen.

A study of the moral aspects of Journalism—ideals and abuses.

- 14, 15, 16. **Commercial Art.** Autumn, Winter, Spring. Jensen. (See Art 14, 15, 16.) One to two hours credit each quarter.
21. **Problems of Citizenship.** Autumn. M. W. F., 1:30. (See Political Science 21.) Two hours credit. Gaeth.
26. **Photography.** Spring. Lecture T. and Th., 7:30. Laboratory. Time to be arranged. Three hours credit. Hales. (See Physics 26.)

Upper Division Courses

51. **Editorials and Editorial Writing.** Winter. T. Th., 8:30. Two hours credit. Jensen.

A study of the editorial and practice in writing it.

52. **Special Feature Articles.** Spring. T. Th., 9:30. Two hours credit. Merrill. Prerequisite: Journalism 2, or the permission of the instructor.

A study of newspaper and magazine special feature articles, types, and sources. Help will be given in planning and marketing the article.

53. **Writing for the Magazines.** Winter. T. Th., 2:30. Two hours credit. Merrill. Prerequisite: Consultation with the instructor.

This course is designed for those who have some hope of making writing for the press either their vocation or an important avocation. All types of magazine materials and markets will be studied.

54. **Book Reviewing.** Autumn. T. Th., 9:30. Two hours credit. Jensen. Prerequisite: Journalism 2 or 3, or English 12.

A study of current books, both fiction and non-fiction, and practice in reviewing them.

57. **Short-Story Writing.** Autumn. T. Th., 9:30, Two hours credit. Merrill.

In this course, the greater part of the student's time is given to practice in writing short-stories. Prerequisites: English 1, 2, and 3.

58. **Radio Broadcasting.** Autumn or Spring. M. W., 3:30. Two hours credit. Pardoe, Morley and Staff. (See Speech 58.)

59. **Advertising.** Spring. Four hours credit. (See Marketing 59.)

Arrangements for Journalism majors to enter this course must be made through the Department of Journalism.

60. **Problems of the Weekly Paper.** Spring. T. Th., 2:30. Two hours credit. Merrill. Prerequisite: Journalism 2 or 4.

A study of the country weekly, its place in American life, and its possibilities.

- 61, 62, 63. **Commercial Art.** Autumn, Winter, Spring. Two to four hours credit each quarter. Jensen. (See Art 61, 62, 63.)

65. **Technique of Publicity.** Spring. T. Th., 8:30. Two hours credit. Smith. Prerequisite: Journalism 2 or 3.

A study of the approach to the public consciousness through the newspaper, the lecture, the radio address—in fact, a study of the purposes and means of publicizing.

87. **Teaching of Journalism.** Spring. T. Th., 3:30. Two hours credit. Merrill. (Not given this year.)

This course is designed for English and Journalism majors who expect to teach in high school. It will include problems of supervision. Prerequisite: Journalism 2 or 4.

- 97, 98, 99. **Recent Social Trends.** (See Sociology 97, 98, 99.) Two hours credit each quarter.

LANDSCAPE ARCHITECTURE

Professors Morris, Shaw; Assistant Professor Snell.

Lower Division Courses

1. **History of Landscape Architecture.** Winter. M. W. F., 8:30. Three hours credit. Morris.

Contributions of various civilizations from ancient Egypt to the present will be discussed. Emphasis on Italian Renaissance, English, French, and American styles.

2. **Elements of Drawing.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell. (See Drawing 2.)
3. **Plant Propagation.** Winter. T. Th., 9:30. Laboratory W., 2:30-5:30. Three hours credit. Shaw. (See Horticulture 3.)
- 4, 5. **Ornamental Herbaceous Plant Materials.** Autumn and Winter. T., 1:30. One hour credit each quarter. Morris. (See Horticulture 4, 5.)
6. **Ornamental Herbaceous Plant Materials.** Spring. T. Th., 1:30. Two hours credit. Morris. (See Horticulture 6.)
- 8, 9. **Trees and Shrubs.** Autumn and Spring. T. Th., 8:30. Laboratory T., 2:30-5:30. Three hours credit each quarter. Morris. (See Horticulture 8 and 9.) (Not given this year.)
10. **Landscape Architectural Drawing.** Autumn. T. Th., 2:30-5:30. Two hours credit. Morris.

The pictorial representation of landscape features, including perspective, light and shade and lettering.

20. **Theory and Practice of Landscape Architecture.** Spring. T. Th., 9:30. Laboratory T., 2:30-5:30. Morris.

A general course for students not majoring in landscape architecture. Home grounds are the chief consideration of the course.

21. **Theory of Design.** Autumn. M. W. F., 8:30. Three hours credit. Morris.

Principles of design and composition as applied to landscape architecture. Unity, harmony, balance, repetition, etc. A foundation to all courses in landscape architecture.

24. **Landscape Design.** Winter. M. W. F., 2:30-5:30. Three hours credit. Morris.

The design of gardens and private grounds on flat surfaces. A fundamental course to all landscape design. Prerequisites: courses 10 and 21.

25. **Landscape Design.** Spring. M. W. F. Three hours credit. Morris.

Designing land surfaces to fit the setting. Private and public grounds considered. (Prerequisite: course 24.)

Upper Division Courses

- 51, 52. **Planting Design.** Winter, Spring, Th. F., 2:30-5:30. Two hours credit each quarter. Morris.

Planting plans for gardens and grounds studied in 24, 25 will be made. Plant compositions emphasized. Prerequisites: courses 4, 5, 6, 8, 9, 24 and 25.

53. **City Planning.** Winter. T. Th., 10:30. Two hours credit. Morris.

The history of various types of city plans; advantages and disadvantages. Emphasis on Salt Lake City, Washington, D. C., and Paris. The small city studied.

- 60, 61, 62. **Architectural Design.** Autumn, Winter, Spring. T., 2:30-5:30. One hour credit each quarter. Morris.

Designs of such architectural features as used in the landscape will be studied and made by students. Pergolas, arbors, retaining walls, garden houses, etc.

- 70 and 71. **Landscape Engineering.** Autumn and Winter. T Th., 9:30. Laboratory Th., 2:30-5:30. Three hours credit. Morris.

Grades and grading as applied to land surfaces, road construction and drainage; also construction of architectural features. Prerequisite: Surveying 1, and courses 10 and 21.

- 80, 81, 82. **Advanced Landscape Design.** Autumn, Winter, Spring. M. W., 2:30-5:30. Two hours credit each quarter. Morris.

The design of private and public grounds in relation to topography and natural features studied. Units of design will largely be determined by landshapes and surfaces. Prerequisites: Courses 21, 24, 25, 70, and 71.

90. **Modeling.** Winter. T. W. Th., 9:30. One hour credit. Morris.

Landscape units modeled in miniature with plastelene, artificial trees, shrubs, grass, etc. This is a means of visualizing landscape compositions and topography.

Graduate Courses

101. **Special Problems in Design.** Autumn, Winter, Spring. Time and credit to be arranged. Morris.

This is a continuation of lower and advanced courses in design.

- 151, 152. **Planting Design.**

170. **Landscape Engineering.**

- 180, 181, 182. **Advanced Landscape Design.**

LIBRARY

Miss Ollorton, Mrs. Brown, Miss Rich.

11. **Use of Books and Libraries.** Autumn, Winter or Spring. Th., 3:30. One hour credit.

The purpose of this course is to help students to become efficient in using books and libraries. The use of reference books and an understanding of the card catalog will receive special emphasis.

MATHEMATICS

Professors Marshall, Hales; Mr. Allred.

Students who major in Mathematics have the following courses prescribed: Mathematics 11, 12, 13, 50, 51, 52, 71.

Lower Division Courses

11. College Algebra. Autumn. Daily. Sec. 1, 8:30; Sec. 2, 2:30. Five hours credit. Allred.

A study of fractions, exponents and radicals, quadratic equations, logarithms, elementary series, determinants, etc.

12. Plane Trigonometry. Winter. Daily. Sec. 1, 8:30; Sec. 2, 2:30. Five hours credit. Allred.

13. Analytic Geometry. Spring. Daily, 8:30. Five hours credit. Allred.

A study of rectangular co-ordinates, straight line, circle, parabola, ellipse, hyperbola, transfer of co-ordinates, etc. Prerequisites: Mathematics 11 and 12.

34. Commercial Algebra. Autumn. M. W. F., 2:30. Three hours credit. Marshall.

A review and drill in the essentials of algebra and the application of it to commercial problems.

35. Mathematical Theory of Investments. Winter. M. W. F., 2:30. Three hours credit. Marshall. (See Accounting and Business Administration 35.)

Application of algebra to general business problems, such as annuities, amortization, capitalization, depreciation, sinking fund, bond values, and building and loan associations.

36. Graphical and Statistical Methods. Spring. M. W. F., 2:30. Three hours credit. Marshall. (See Accounting and Business Administration 36.)

The graphical representation of data, method of averages, measurement of variability, correlation, probable errors, etc.

Upper Division Courses

50. Differential Calculus. Autumn. M. T. W. Th., 9:30. Four hours credit. Marshall.

An introductory course with numerous applications of the principles to tracing of curves, and the solution of problems from geometry and mechanics. Prerequisite: Mathematics 13.

51. **Integral Calculus.** Winter. M. T. W. Th., 9:30. Four hours credit. Marshall.

The purpose and nature of integration is developed. Principles applied to problems in geometry, mechanics, and physics.

52. **Advanced Calculus.** Spring. M. T. W. Th., 9:30. Four hours credit. Marshall.

Development of the definite integral as a sum, together with development of the more theoretical aspects of the differential calculus.

71. **Differential Equations.** Autumn. Daily, 2:30. Five hours credit. Marshall.

Differential equations of the first order, linear differential equations, total and partial differential equations with numerous applications to physics. Junior or senior year. Prerequisite: Mathematics 52.

81. **Theoretical Mechanics.** Winter. Daily 8:30. Five hours credit. Hales.

Fundamental principles of mechanics and their applications to physical problems. Prerequisites: Calculus and Physics 41, 42, 43.

Graduate Courses

101. **Vector Analysis.** Winter. M. W. F. Three hours credit. Marshall. (Not given this year.)

Fundamental operations of vector analysis.

102. **Vector Analysis.** Spring. M. W. F. Three hours credit. Marshall. (Not given this year.)

Application of vector analysis to mechanics, electromagnetic theory, and other branches of mathematical physics.

105. **Advanced Calculus.** Autumn. Daily, 2:30. Five hours credit. Marshall. (Not given this year.)

A review of the fundamental theory of the calculus presented with a view to precision of statement and accuracy of proof. Prerequisite: Mathematics 72.

106. **Advanced Calculus.** Winter. Daily, 2:30. Five hours credit. Marshall. (Not given this year.)

Theory of differential equations, study of simple integrals, multiple integrals, and infinite integrals.

107. **Advanced Calculus.** Spring. Daily, 2:30. Five hours credit. Marshall. (Not given this year.)

Study of some classes of functions defined by integrals; introduction to calculus of variations, and theory of functions.

Note: Courses 105, 106, and 107 will follow an outline somewhat as given in Wood's "Advanced Calculus."

171. **Differential Equations.** Autumn. Daily, 9:30. Five hours credit. Marshall.
192. **Readings in Mathematics.** Credit, one to three hours, depending on the work done. Marshall.
200. **Thesis in Mathematics.** Credit to be arranged.

MECHANIC ARTS

Assistant Professor Snell; Mr. Bigelow; Professors Hansen, Larsen.

For mechanic arts teachers, it is advised that both major and minor be taken in this department.

Credit in shop courses in Mechanics is given on the basis of three hours for nine hours application each week during the quarter.

MECHANICS

Lower Division Courses

1. **Art Metal Work...** Winter. M. W. F. Two hours credit. Snell. Prerequisite: Drawing 1.
2. **Art Leather Work.** Spring. M. W. F. Two hours credit. Snell. Prerequisite: Drawing 1.
4. **Shop Practice.** Autumn. Daily, 1:30-3:30. Three hours credit. Snell.

The making of projects suitable for junior and senior high school instruction in sheet metal, cold iron, and electrical lighting circuits, buzzers, bells, heating elements, etc.

5. **Ornamental Iron Work.** Autumn. T. Th., 1:30-3:30 or 3:30-5:30. Two hours credit. Snell.

Craftsmanship in wrought iron work. Designing, cutting, sawing, bending, drilling, tapping, threading, finishing, etc. Lectures and outside preparation.

6. **General Construction.** Autumn, Winter, Spring. Daily, 1:30-3:30 or 3:30-5:30. Three hours credit. Snell.

Review of tool processes and tool sharpening, survey of common building materials, billing and ordering, cement forming and framing applied in simple structures.

7. **Tool Technique.** Autumn, Winter, Spring. M. W. F., 1:30-3:30 or 3:30-5:30. Two hours credit. Snell.

Required of all mechanics majors. Sharpening, care and use of woodworking hand tools, applied in fundamental principles of sawing, joining, fitting, fastening, etc.

11. **Elementary Auto Mechanics.** Autumn. Daily, 9:30-11:30, 1:30-3:30. Two or three hours credit. Bigelow.

Construction of the automobile and an elementary study of the principles involved. Lubrication, assembling and repairing of brakes, rear axles, transmission systems and engines.

12. **Elementary Auto Mechanics.** Winter. Daily, 9:30-11:30, 1:30-3:30. Two or three hours credit. Bigelow.

Construction and adjustment of carburetors and ignition system.

13. **Elementary Auto Mechanics.** Spring. Daily, 9:30-11:30, 1:30-3:30. Two or three hours credit. Bigelow.

Ignition, timing, "trouble shooting," battery work and starting and lighting systems.

17. **Wood Turning.** Autumn, Winter, Spring. Daily or M. W. F., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

Exercises and projects in wood turning executed through individual designs.

18. **Pattern Making.** Autumn, Winter, Spring. Daily or M. W. F., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

The principles of pattern making are taught through the making of simple patterns for machine parts.

19. **Wood and Metal Finishing.** Autumn, Winter, Spring. M. W. F., 1:30-3:30 or 3:30-5:30. Two hours credit. Snell.

Preparation of surfaces for the application of finishes. Staining, painting, varnishing, lacquering, polishing, etc. Use of the brush and air gun.

21. **Upholstering and Seat Weaving.** Autumn, Winter, Spring. Daily or M. W. F., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

Typical forms of upholstery, including foundations with and without springs. Seat and panel weaving with cane and fiber.

23. **Cement.** Spring. Daily, 3:30-5:30. Three hours credit. Snell.

Cement, mixes, tests, forming, finishing, etc., in structural and ornamental projects.

27. **Cabinet Construction.** Autumn. Daily or M. W. F., 1:30-3:30, 3:30-5:30. Two or three hours credit. Snell.
Drawings are submitted and the article is made to conform to these. Woods commonly used in cabinet work are studied as to their adaptability and finishing qualities; veneering, inlaying and polishing.
28. **Cabinet Construction.** Winter. Daily or M. W. F. Snell.
Continuation of 27.
29. **Cabinet Construction.** Spring. Daily or M. W. F., 1:30-3:30. Snell.
Continuation of 28.

Upper Division Courses

51. **Ignition.** Autumn. Daily, 3:30-5:30. Two or three hours credit. Bigelow.
Battery and magneto ignition. Study and practice of the principles involved in testing for troubles and making adjustments.
52. **Generators and Starting Motors.** Winter. Hours and credits as in 51. Bigelow.
The working principles of the dynamo, and testing for shorts and open circuits. Reverse current cutouts, types of generator regulation as third brush control systems and generator output.
53. **Machine Work and Welding.** Spring. Hours and credit the same as in 51. Bigelow.
Drill-press, lathe, and planer work. Principles of cutting tools, forging and tool sharpening. The use of the torch in cutting and welding.
57. **Standard Construction Methods.** Autumn. M. W. F., 8:30. Three hours credit. Snell.
This course deals with the theoretical side of building. Location, soil conditions, footings, materials, equipment, etc.
58. **Carpentry.** Autumn, Winter, Spring. Daily, 3:30-5:30. Three hours credit. Snell.
Thorough drill in saw filing. Tool practice applied in practical problems. Fitting and hanging of doors and windows, built-in cabinets, stair construction and framing. Prerequisite: Course 7, and Drawing 13.
59. **Estimating.** Spring. M. W. F., 8:30. Three hours credit. Snell.

Interpretation of plans and specifications. Methods of estimating and figuring costs of material and labor. Permits, contracts, liens. Prerequisite: Drawing 13.

64. **Mill Work—Woodworking Machinery.** Autumn, Winter, Spring. Daily or M. W. F., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

Work will be handled as nearly as possible as in actual practice. Estimates and working drawings will be made and a careful check of material and labor kept and computed for each job.

- 65, 66, 67. **Shop Work.** Autumn, Winter, Spring. Daily or M. W. F., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

Advanced work, consisting of the erection of buildings, cabinet work, upholstery, pattern work, or novelty work. Prerequisites: Courses 57, 58, 59, or their equivalents.

DRAWING

While courses are listed according to quarters, any course may be taken any quarter, provided prerequisites have been met.

Lower Division Courses

1. **Theory and Practice of Design.** Autumn. M. W. F., 1:30. Two hours credit. Larsen. (See Art 21.)
2. **Elements of Drawing.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

This course is designed to give facility in lettering, drawing of simple working drawings, charts, graphs, making sketches and reading drawings.

3. **Free-hand Lettering.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

Practice in lettering as applied in architectural and engineering office work.

4. **Engineering Drawing.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. One to three hours credit. Snell.

The care and use of instruments, lettering, applied geometry, and orthographic projection.

5. **Engineering Drawing.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. One to three hours credit. Snell.

Pictorial representation, developed surfaces, intersections, and working drawings. Prerequisite: Drawing 4 or equivalent.

6. **Descriptive Geometry.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. One to three hours credit. Snell.
A study of the principles relating to the point, line plane, cylinder, cone and double-curved surfaces of revolution, with application to practical problems. Prerequisites: Drawing 4 and 5.
8. **Elementary Machine Design.** Autumn. Daily, 9:30 or 10:30. Two hours credit. Snell.
Drawing of machine fastenings, such as bolts, screws, rivets, keys, etc. Dimensionings, working drawings and technical sketching. Detail and blueprints. Prerequisites: Drawing 4, 5, 6.
9. **Elementary Machine Design.** Winter. Daily, 9:30 or 10:30. Two hours credit.
Continuation of 8.
10. **Shades and Shadows.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.
Planned to give fundamental knowledge necessary for casting shadows in architectural design.
11. **Instrumental Perspective.** Autumn, Winter, or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.
The theory and application of methods of drawing architectural perspectives.
12. **Rendering.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.
Wash rendering practice plates and rendering of architectural elements.
13. **Architectural Drawing.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.
Drawing of plans, elevations, and details of different types of buildings. Tracing and blue-printing. Prerequisites: Drawing 4, 5 and 6, or equivalent.
14. **Architectural Drawing.** Winter. Daily, 9:30 or 10:30. Two hours credit.
Continuation of 13.
15. **Architectural Drawing.** Spring. Daily, 9:30 or 10:30. Two hours credit.
Continuation of 14.
- 16, 17, 18. **Architectural Design.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Extra laboratory period arranged any afternoon. Two or three hours credit each quarter. Snell.
A series of order problems involving the study of the principles of composition. Problems similar to Class B

Analytiques of the Beaux-Arts Institute of Design will be followed. Prerequisites: Drawing 6, 10, 11, 12.

19. **Topographical Drawing.** Autumn, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

Practical elementary work in topographical drawing. Mapping and plotting from field notes.

Upper Division Courses

- 51, 52, 53. **Architectural Design.** Autumn, Winter, Spring. Daily, 9:30-10:30. Extra laboratory periods arranged any afternoon. Three hours credit each quarter. Snell.

Designing, rendering, detailing, tracing, and blue-printing. A complete set of plans with one display drawing each quarter. Prerequisites: Drawing 16, 17 and 18.

ENGINEERING

Drawing 4, 5, 6, and Mechanics 7, 18, 51, 52, 53, 57, 59 are required of all pre-engineering students.

Lower Division Courses

- 1, 3. **Elementary Surveying.** Autumn and Spring. M. W. F., 3:30. Three hours credit each quarter. Prerequisites: Trigonometry and Drawing 4, 5, 6.

Methods of using the compass, tape, level and transit in making plain surveys, differential leveling, profile and cross-section work, curves, grades, computation, and platting.

Upper Division Courses

63. **Geology of Ground Water.** Daily, 8:30. Five hours credit. (See Geology 92.) Dennis.

MODERN AND CLASSICAL LANGUAGES

Professors Cummings, De Jong; Associate Professor Sperry; Assistant Professors Swensen, Black; Mrs. Roberts, Miss Osmond, Mr. Broadbent, Mr. Richardson, Mr. Lee.

The department offers in French, Spanish and German programs leading to a teaching minor and a teaching major; and, in French and German, graduate programs leading to a Master of Arts degree. Students specializing in this field are advised to offer two units of high school work in the chosen language. Graduate majors are advised to offer Latin.

For a minor the following program is required if the department's recommendation for teaching is desired: Courses

1-3 (or two units of high school work in the language), 51-53, 54-56, 61-63, and Phonetics 42.

For a major the following program is required: All the courses required for a minor, and in addition courses 73-75. English 29 recommended.

For a Master of Arts degree in French or German, 40 hours of undergraduate work in the language is prerequisite. The following requirements are made: 1. The passing of a qualifying examination in the language and literature to be studied as well as in the field of general culture. 2. The satisfactory completion of 24 hours of work in the chosen language. 3. A final written examination on this work. 4. The oral examination given under the direction of the Graduate School. 5. Courses covering the general field of the literature and elementary philology. 6. A satisfactory thesis either in the field of philology or of literature.

FRENCH

Lower Division Courses

- 1, 2, 3. First Year French. Autumn, Winter, Spring. Daily, 8:30, Lee; 9:30, Osmond; and 1:30, Roberts. Five hours credit each quarter.

Designed for those who have had no French. Pronunciation, reading, the fundamentals of grammar and the building of a substantial reading vocabulary.

Upper Division Courses

- 51, 52, 53. Second Year French Grammar and Composition. Autumn, Winter, Spring. M. W. F., 9:30. Two hours credit each quarter. Roberts.

Review of grammar. Conversation and composition. Prerequisite: French 3 or two units of French in high school.

- 54, 55, 56. Second Year French Reading. Autumn, Winter, Spring. M. W. F., 9:30, Roberts; 2:30 Cummings. Three hours credit each quarter.

The various language skills, viz., reading, understanding, speaking and grammar. Reading both intensive and extensive. Prerequisite: French 1, 2, 3, or two units of French in high school.

- 61, 62, 63. Third Year French Composition and Conversation. Autumn, Winter, Spring. M. W. F., 8:30. Three hours credit each quarter. Cummings. Prerequisite: Thirty hours of French or the consent of the instructor. (Not given this year.)

- 64, 65, 66. Third Year French Reading. Autumn, Winter, Spring. T. Th., 2:30. Three hours credit each quarter. Cummings.

Basic texts for intensive classroom study and an abundance of reading from standard French literature to be done outside the class and reported. Prerequisite: At least 24 hours credit or equivalent of French.

- 73, 74, 75. **Introduction to French Literature and Culture.** Autumn, Winter, Spring. M. W. F., 10:30. Three hours credit. Roberts.

A general view of the literary periods, movements, and social background, with representative readings. Prerequisites: Thirty hours of French or the consent of the instructor. (Not given this year.)

- 81, 82, 83. **Fourth Year French Composition.** Autumn, Winter, Spring. M. W. F., 2:30. Three hours credit each quarter. Cummings. (Not given this year.)

Problems of French pronunciation, grammar, versification, reading, etc. A brief introduction to the history of the French language.

Graduate Courses

145. **French Romanticism.** Winter. T. Th., 3:30. Three hours credit. Roberts.
153. **Voltaire.** Spring. T. Th., 11:30. Three hours credit. Osmond.
155. **Victor Hugo.** Spring. T. Th., 3:30. Three hours credit. Roberts.
161. **French Classical Drama.** Autumn. T. Th., 3:30. Three hours credit. Roberts.
164. **French Drama from 1800 to the Present.** Autumn. T. Th., 3:30. Three hours credit. Cummings. (Not given this year.)
167. **French Novel from 1800 to the Present.** Winter. T. Th., 3:30. Three hours credit. Cummings. (Not given this year.)
171. **Old French Literature.** Autumn. T. Th., 11:30. Three hours credit. Osmond.
172. **French Literature of the Renaissance.** Winter. T. Th., 11:30. Three hours credit. Osmond.
- 173, 174, 175. **French Literature of the Seventeenth, Eighteenth and Nineteenth Centuries.** Autumn, Winter, Spring. M. W. F., 10:30, 3:30. Three hours credit each quarter. Roberts.
- 181, 182, 183. **Fourth Year French Composition.** Autumn, Winter, Spring. M. W. F., 2:30. Three hours credit each quarter. Cummings. (Not given this year.)
191. **Introduction to the Science of Language.** Spring. M. W. F., 3:30. Three hours credit. Cummings.
192. **Introduction to Romance Philology.** Autumn. M. W. F., 3:30. Three hours credit. Cummings. (Not given this year.)
193. **Introduction to Old French.** Autumn. M. W. F., 3:30. Three hours credit. Cummings. (Not given this year.)

- 194. Historical French Grammar. Winter. M. W. F., 3:30. Three hours credit. Cummings. (Not given this year.)
- 195. History of the French Language. Spring. M. W. F., 3:30. Three hours credit. Cummings. (Not given this year.)
- 197. French Phonetics. Winter. M. W. F., 3:30. Three hours credit. Cummings.

SPANISH

Lower Division Courses

- 1, 2, 3. First Year Spanish. Autumn, Winter, Spring. Daily, 2:30. Five hours credit each quarter. Richardson.

Designed for those who have had no Spanish. Pronunciation, reading, and the fundamentals of grammar. Special emphasis on the building of a substantial reading vocabulary.

Upper Division Courses

- 51, 52, 53.—Second Year Spanish Grammar and Composition. Autumn, Winter, Spring. T. Th., 1:30. Two hours credit each quarter. Richardson.

Review of grammar. Composition and conversation. Prerequisite: Spanish 3 or two units in high school.

- 54, 55, 56. Second Year Spanish Reading. Autumn, Winter, Spring. M. W. F., 1:30. Three hours credit each quarter. Richardson.

The various language skills, viz., reading, understanding, speaking, grammar. Reading intensive and extensive. Prerequisite: Spanish 3, or fifteen hours of Spanish or two units of Spanish in high school.

- 61, 62, 63. Third Year Spanish Composition and Conversation. Autumn, Winter, Spring. T. Th., 3:30. Three hours credit each quarter. Cummings. Prerequisite: Thirty hours of Spanish.

- 64, 65, 66. Third Year Spanish Reading. Autumn, Winter, Spring. M. W. F., 3:30. Three hours credit each quarter. Osmond. (Not given this year.)

Basic texts for intensive classroom study and an abundance of reading from standard Spanish literature to be done outside the class and reported. Prerequisite: At least twenty-four hours credit or the equivalent of Spanish.

ITALIAN

Lower Division Courses

- 1, 2, 3. Elementary Italian. Autumn, Winter, Spring. M. W. F., 1:30. Three hours credit each quarter. Cummings.

Introduction to the elements of grammar. Special attention to accurate pronunciation for the benefit especially of students of vocal music. Easy reading. (Not given this year.)

GERMAN

Lower Division Courses

- 1, 2, 3. **First Year German.** Autumn, Winter, Spring. Daily, Sec. 1, 8:30, Broadbent; Sec. 2, 9:30, De Jong, and Sec. 3, 1:30, Osmond. Five hours credit each quarter.

Designed for those who have had no German. Pronunciation, reading, and the fundamentals of grammar, the building up of a substantial reading vocabulary.

Upper Division Courses

- 51, 52, 53. **Second Year German Grammar and Composition.** Autumn, Winter, Spring. T. Th., 8:30. Two hours credit each quarter. De Jong.

Review of grammar. Composition and conversation. Prerequisite: German 3 or two units of German in high school.

- 54, 55, 56. **Second Year German Reading.** Autumn, Winter, Spring. M. W. F., Sec. 1, 8:30, Osmond; and Sec. 2, 2:30, Broadbent. Three hours credit each quarter.

Comprehensive study of grammar. Conversation and composition. Reading from the general field. Prerequisite: German 3 or fifteen hours of German, or two units of German in high school.

- 61, 62, 63. **Third Year German Composition and Conversation** Autumn, Winter, Spring. M. W. F., 1:30. Three hours credit each quarter. De Jong. Prerequisite: Twenty-four hours of German or the consent of the instructor.

- 64, 65, 66. **Third Year German Reading.** Autumn, Winter, Spring. M. W. F., 1:30. Three hours credit each quarter. De Jong.

Basic texts for intensive classroom study and an abundance of reading from standard German literature to be done outside the class and reported. Prerequisite: At least twenty-four hours credit or the equivalent.

- 73, 74, 75. **Introduction to German Literature and Culture.** Autumn, Winter, Spring. M. W. F., 3:30. Three hours credit. De Jong. (Not given this year.)

A general view of the literary periods, movements, and social background, with representative readings. Prerequisite: Thirty hours of German or the consent of the instructor.

- 81, 82, 83. **Fourth Year German Composition.** Winter, Spring. T. Th., 1:30. Three hours credit. De Jong. (Not given this year.)

Graduate Courses

- 111, 112, 113. **Gothic.** Autumn, Winter, Spring. T. Th., 3:30. Two hours credit each quarter. De Jong.
Introduction to the study of Gothic. General introduction to Germanic Philology. Reading from the Gothic Bible.
- 114, 115, 116. **Middle High German.** Autumn, Winter, Spring. Time to be arranged. Two hours credit each quarter. De Jong. (Not given this year.)
Reading of selected Middle High German texts.
- 121, 122, 123. **German Novel from 1800 to the Present.** Two hours credit each quarter. De Jong. (Not given this year.)
- 131, 132, 133. **German Drama from 1800 to the Present.** Two hours credit each quarter. De Jong. (Not given this year.)
141. **Lessing.** Autumn. M. W., 4:30. Two hours credit. De Jong.
142. **Schiller.** Winter. M. W., 4:30. Two hours credit. De Jong.
143. **Goethe.** Spring. M. W., 4:30. Two hours credit. De Jong.
144. **Kleist and Grillparzer.** Autumn. M., 4:30. Two hours credit. De Jong. (Not given this year.)
145. **Hebbel and Ludwig.** Winter. M., 4:30. Two hours credit. De Jong. (Not given this year.)
146. **Hauptmann and Sudermann.** Spring. M., 4:30. Two hours credit. De Jong. (Not given this year.)
- 173, 174, 175. **History of German Literature.** Autumn, Winter, Spring. M. W. F., 3:30. Two hours credit each quarter. De Jong.
- 181, 182, 183. **Fourth Year German Composition.** Winter. Spring. T. Th., 1:30. Two hours credit. De Jong.
191. **Introduction to the Science of Language.** Spring. M. W. F., 3:30. Three hours credit. Cummings.
200. **Research for Master's Thesis.**

LATIN

Lower Division Courses

- 1, 2, 3. **First Year Latin.** Autumn, Winter, Spring. Daily, 8:30. Five hours credit each quarter. Black.

Designed for those who have had no Latin. Mastery of pronunciation, declensions and conjugations. Correlation of Latin originals with English derivatives. Graded reading. Characteristics of Roman civilization.

Upper Division Courses

- 54, 55, 56. Advanced Latin. Autumn, Winter, Spring. M. W. F., 2:30. Three hours credit each quarter. Black. (Not given this year.)

Comprehensive study of grammar. Composition. Reading from the classics. Prerequisite: Latin 3 or two units of Latin in high school.

GREEK

Lower Division Courses

- 1, 2, 3. First Year Greek. Autumn, Winter, Spring. M. W. F. 8:30. Three hours credit each quarter. Swensen.

Designed for those who have had no Greek. The fundamentals of Greek syntax, declensions, and conjugations. Readings in the Greek New Testament. Hellenistic culture and its literary productions.

Upper Division Courses

- 54, 55, 56. Second Year Greek. Autumn, Winter, Spring. M. W. F., Three hours credit each quarter. Swensen.

Translation, readings from the Greek New Testament, Epictetus, and Xenophon. Comparison and contrast of the classical and Hellenistic literary and grammatical forms. Prerequisites: Greek, 1, 2, 3, or the equivalent.

HEBREW

Upper Division Courses

- 51, 52, 53. First Year Hebrew. Autumn, Winter, Spring. Daily, 1:30. Five hours credit each quarter. Sperry.

A beginning course. The elements of Hebrew grammar. Translation and simple composition.

- 54, 55, 56. Second Year Hebrew. Autumn, Winter, Spring. M. W. F., 2:30. Three hours credit each quarter. Sperry.

Advanced grammar and readings from the books of Genesis, Deuteronomy, Samuel and Kings.

- 64, 65, 66. Third Year Hebrew Reading. Autumn, Winter, Spring. T. Th., 2:30. Two hours credit. Sperry.

Selected readings from Hebrew literature.

Graduate Courses

- 151, 152, 153. Beginning Hebrew. Autumn, Winter, Spring, Daily, 1:30. Five hours credit each quarter. Sperry.

The fundamentals of Hebrew grammar. Exercises in reading, translation and simple composition leading to ability to make clear interpretation of texts.

- 157, 158, 159. Readings from Hebrew Prophetic and Wisdom Books. Autumn, Winter, Spring. Hours to be arranged. Two hours credit each quarter. Sperry.

PHONETICS

Lower Division Course

42. Practical Phonetics. Autumn, or Winter. T. Th., 1:30. Two hours credit. De Jong.

The elementary principles of speech mechanics in their relation to correct diction. This course correlates with courses in the Modern Languages, Speech, and Vocal Music.

MUSIC

Professors Jepperson-Madsen, Robertson, Madsen, De Jong, Sauer; Assistant Professor Hanson; Mr. Halliday, Miss Summerhays, Mr. Condie, Mr. Buggert, Mr. Nelson, Mr. Fitzroy, Mrs. Packard, Mr. Keeler

Those who major in the Department of Music must complete the following courses: Theory of Music 11, 12, 13; 21, 22, 23; 31; 61; 71, 72, 73; 81; Piano, 3 hours; Vocal Culture, 3 hours; and Vocal or Instrumental Ensemble, 6 hours. Those preparing to teach should also take Theory of Music 41 and 91. These requirements are subject to change where conditions warrant individual consideration.

The work presented by those who minor in the Department of Music should include the following courses: Theory of Music 11, 12, 13; 21, 22, 23; 31; 41; and 91.

Private courses are indicated by -p. In the instrumental division, the letter immediately following the number indicates the instrument; e. g., 7 p-p means course 7, private piano; 3 t-p means course 3, private trombone, etc.

THEORY OF MUSIC

Lower Division Courses

- 11, 12, 13. Solfeggio. Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Summerhays.

The study of notation, intervals, diction, and sight-singing.

- 21, 22, 23. Harmony.** Autumn, Winter, Spring. M. W. F. Three hours credit each quarter. Robertson.

Intervals; primary and secondary triads; dominant seventh and ninth chords, diminished seventh chords; open harmony.

- 31, 32, 33. Philosophy and Appreciation of Music.** Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Madsen.

The important philosophies of music and musicians; the philosophy of the elements of music, musical structure, musical compositions, musical values.

- 41. Public School Methods.** Autumn or Spring. M. W. F. Three hours credit. Hanson.

Special technique of instruction and materials for the grades; class demonstrations and supervised teaching. Prerequisite: Theory of Music 11.

Upper Division Courses

- 61, 62, 63. Solfeggio.** Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Summerhays.

Prerequisite: Theory of Music 13. Training in advanced sight singing.

- 71, 72, 73. Harmony.** Autumn, Winter, Spring. M. W. F. Three hours credit each quarter. Robertson.

Prerequisite: Theory of Music 23. Modulation; secondary seventh and altered chords; non-harmonic tones; modern harmony, form and analysis.

- 81, 82, 83. History.** Autumn, Winter, Spring. M. W. F. Three hours credit each quarter. Madsen.

Alien musical systems, ancient and modern. Medieval and modern music.

- 91. High School Methods.** Winter. T. Th. Two hours credit. Hanson.

Special technique of instruction and materials for the junior and senior high schools. This course should precede or accompany Secondary Education 54.

- 92, 93. Counterpoint.** Autumn, Winter. T. Th. Two hours credit each quarter. Madsen.

An elementary course in counterpoint.

- 94. Composition.** Spring. T. Th. Two hours credit. Madsen.

An elementary course in composition in the smaller forms. Prerequisites: Theory of Music 73, 93.

95. Instrumentation. Winter. T. Th. Two hours credit. Sauer.

A practical course for high school teachers and supervisors in arranging for band and orchestra.

- 96, 97, 98. Orchestra and Band Instruments. Autumn, Winter, Spring. One or two hours credit each quarter. Sauer, Buggert.

For music majors in their junior or senior years. Practical experience with string, woodwind, and brass instruments for prospective high school music teachers.

Graduate Courses

- 121, 122, 123. Counterpoint. Autumn, Winter, Spring. Three hours credit each quarter. Robertson and Madsen.

Strict and free counterpoint in the various species. Modal counterpoint. Prerequisite: Theory of Music 73.

- 124, 125, 126. Canon and Fugue. Autumn, Winter, Spring. Three hours credit each quarter. Robertson and Madsen. Prerequisite: Theory of Music 123.

- 127, 128, 129. Instrumentation. Autumn, Winter, Spring. Three hours credit each quarter. Robertson.

Study of orchestra instruments; arranging for chamber combinations, string and symphony orchestra. Prerequisite: Theory of Music 73.

163. Harmony. Spring. Three hours credit. Halliday. Prerequisite: Theory of Music 73. An intensive study of modulation. (Not given this year.)

- 181, 182, 183. Composition. Autumn, Winter, Spring. Three hours credit each quarter. Robertson and Madsen. Prerequisites: Theory of Music 73 and 123.

200. Research for Master's Thesis. Credit to be arranged.

INSTRUMENTAL MUSIC

Lower Division Courses

- 1, 2, 3; 4, 5, 6. Band. Autumn, Winter, Spring. Daily. One hour credit each quarter. Sauer.

Admission by consent of director.

- 7, 8, 9; 10, 11, 12. Orchestra. Autumn, Winter, Spring. Daily. One hour credit each quarter. Robertson.

Admission by consent of director.

- 13, 14, 15; 16, 17, 18. String Ensemble. Autumn, Winter, Spring. M. W. F. One hour credit each quarter. Buggert.

- 19, 20, 21; 22, 23, 24. Band Ensemble. Autumn, Winter, Spring. Three times each week. One hour credit each quarter. Sauer.

1, 2, 3; 4, 5, 6p-p. Piano. Autumn, Winter, and Spring. One hour credit each quarter. Nelson, Hanson, Fitzroy, Keeler.

7, 8, 9p-p. Piano Ensemble. Autumn, Winter, Spring. One hour credit each quarter. Nelson.

The fundamentals of ensemble playing. Four, six, and eight hand arrangements.

10p-p. Piano Pedagogy. Any quarter. One hour credit. Nelson, Hanson, Fitzroy.

Methods and problems of piano teaching in the elementary grades.

1, 2, 3; 4, 5, 6v-p. Violin. Autumn, Winter, Spring. One hour credit each quarter. Robertson.

1, 2, 3; 4, 5, 6c-p. Cornet. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

1, 2, 3b-p. Baritone. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13b-p. Bassoon. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

21, 22, 23b-p. Bass (Tuba.) Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13; 14, 15, 16c-p. Clarinet. Autumn, Winter, Spring. One hour credit each quarter, Sauer.

1, 2, 3d-p Drums and Timpani. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

1, 2, 3f-p. Flute. Autumn, Winter, Spring. One hour credit each quarter. Nelson.

11, 12, 13f-p. French Horn. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

1, 2, 3o-p. Oboe. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13o-p. Organ. Autumn, Winter, Spring. One hour credit each quarter. De Jong, Keeler.

1, 2, 3; 4, 5, 6s-p. Saxophone. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13s-p. String Bass. Autumn, Winter, Spring. One hour credit each quarter. Sauer, Buggert.

1, 2, 3; 4, 5, 6t-p. Trombone. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13v-p. Viola. Autumn, Winter, Spring. One hour credit each quarter. Robertson.

21, 22, 23; 24, 25, 26v-p. Violoncello. Autumn, Winter, Spring. One hour credit each quarter. Buggert.

Upper Division Courses

51, 52, 53; 54, 55, 56. Concert Band. Autumn, Winter, Spring. Daily. One hour credit each quarter. Sauer.

Admission by consent of the director. Standard overtures, operatic selections, and miscellaneous military band music.

57, 58, 59; 60, 61, 62. Symphony Orchestra. Autumn, Winter, Spring. Daily. One hour credit each quarter. Robertson.

Admission by consent of director. Study of selections, overtures, symphonies, and accompaniments.

51, 52, 53; 54, 55, 56p-p. Piano. Autumn, Winter, Spring. One hour credit each quarter. Nelson, Hanson, Fitzroy, Keeler.

63, 64, 65; 66, 67, 68. String Ensemble. Autumn, Winter, Spring. Three times each week. One hour credit each quarter. Buggert.

69, 70, 71; 72, 73, 74. Band Ensemble. Autumn, Winter, Spring. M. W. F. One hour credit each quarter. Sauer.

51, 52, 53; 54, 55, 56v-p. Violin. Autumn, Winter, Spring. One hour credit each quarter. Robertson.

51, 52, 53; 54, 55, 56c-p. Cornet. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

61, 62, 63; 64, 65, 66c-p. Clarinet. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

61, 62, 63; 64, 65, 66o-p. Organ. Autumn, Winter, Spring. De Jong, Keeler.

61, 62, 63, 64, 65, 66s-p. String Bass. Autumn, Winter, Spring. One hour credit each quarter. Sauer, Buggert.

63p-p. Piano Pedagogy. Spring. One hour credit. Nelson.

Prerequisite: 10p-p. Methods and problems of piano teaching in the higher grades.

51, 52, 53t-p. Trombone. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

71, 72, 73; 74, 75, 76v-p. Violoncello. Autumn, Winter, Spring. One hour credit each quarter. Buggert.

Graduate Courses

101, 102, 103-p. Instrumental. Autumn, Winter, Spring. One hour credit each quarter.

Advanced instruction on any of the standard instruments.

VOCAL MUSIC

Lower Division Courses

- 1, 2, 3; 4, 5, 6-p. **Vocal Culture.** Private or in groups. Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen, Madsen, Summerhays, Condie, Packard.
- 13, 14, 15; 16, 17, 18. **Ladies Glee Club.** Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen.
Open to inexperienced singers. This course also provides participation in Mixed Chorus.
- 13, 14, 15; 16, 17, 18. **Male Glee Club.** Autumn, Winter, Spring. One hour credit each quarter. Madsen.
Open to inexperienced singers. This course also provides participation in Mixed Chorus.
- 21, 22, 23, 24, 25, 26. **Concert and Opera Chorus.** Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen, Madsen. Admission by consent of directors.
42. **Phonetics.** Autumn or Winter. T. Th., 1:30. Two hours credit. De Jong. (See Phonetics 42 in Department of Modern and Classical Languages.)

Upper Division Courses

- 51, 52, 53; 54, 55, 56-p. **Vocal Culture.** Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen, Madsen, Summerhays, Condie, Packard.
- 63, 64, 65; 66, 67, 68. **Ladies Glee Club.** Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen.
Admission by consent of director. Participation in Mixed Chorus work is also provided in this course.
- 63, 64, 65; 66, 67, 68. **Male Glee Club.** Autumn, Winter, Spring. One hour credit each quarter. Madsen.
Admission by consent of director. Participation in Mixed Chorus work is also provided in this course.
- 71, 72, 73, 74, 75, 76. **Concert and Opera Chorus.** Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen, Madsen. Admission by consent of directors.

Graduate Courses

- 111, 112, 113-p. **Vocal Culture.** Autumn, Winter, Spring. One hour credit each quarter.
Advanced instruction in vocal culture.

PHYSICAL EDUCATION

Professor Hart; Associate Professors Kimball, Jeppson; Dr. Cullimore, Dr. Oaks; Assistant Professor Holbrook; Mr. Dixon, Miss Burton, Miss Ballif, Mr. Millet, Mr. Crowton

The purpose of the department is primarily to conserve the health and vitality of the students, to establish correct motor habits and to educate for wholesome and efficient living. To offset the undesirable effects of sedentary school life, vigorous activity in the form of games, gymnastics and competitive athletics are offered. Instruction is given in personal hygiene in connection with the exercise period so that the students may have a theoretical basis as a guide to correct living.

A thorough physical and medical examination will be given each new student upon entering the institution. All freshmen are required to take Physical Education 1, 4, 5, and 6.

Upper classmen who are not taking physical education for credit are urged to engage in some form of physical exercise. Abundant opportunity is offered for participation in games, sports, hikes, gymnastics, athletics, and dancing.

All students whether enrolled in regular classes in physical education or on regular athletic squads are invited and urged to use the physical training and athletic facilities of the institution whenever they are available.

Students using the towel service are required to make a 25 cent deposit by purchasing a towel check. The towel check is exchangeable for towel service during regular school hours. Towel checks are redeemable at any time.

Students registered for physical education activity courses are required to provide themselves with the official uniform which may be purchased at the University book store. Also they are required to provide themselves with basket locker and approved combination padlock.

An extensive program of intramural sports for both men and women is sponsored and supervised by the department.

Men students interested in intercollegiate athletic competition in any form will be given opportunity to try out for the athletic teams representing the University and in case they display sufficient ability to be chosen as members of these teams, they may substitute this work for the required activity courses in physical education. An activity may be thus substituted but once.

The department also offers professional courses which are designed to prepare teachers and directors in physical education, directors of athletics, supervisors of dancing and leaders in play and other forms of social and recreational activities.

Students interested in play and recreation are referred to the following courses: Physical Education 7, 8, 9, 14, 15, 17, 18, 19, 21, 22, 24, 25, 26, 31, 42, 54, 71; Art 21, 25, 26; Botany 3, Edu-

cation 64, 65, 66; Mechanic Arts 1, 2; Physics 16, 26; Religious Education 74; Speech 1, 2, 72.

Students interested in health education work are referred to Physical Education 1 (Personal Hygiene); 91 (General Kinesiology); 95 (First Aid in Athletic Training); Zoology 58 (Health Education for Teachers); Zoology 65 (Human Physiology); Foods and Nutrition 5 (Elementary Nutrition); Foods and Nutrition 53, 54, 55 (Nutrition, Dietetics, and Nutrition in Disease).

Major and Minor Requirements in Physical Education

Both men and women students majoring or minoring in Physical Education are required to take the following foundational courses:

Chemistry 1 or 4, Zoology 11 and 65, Psychology 11, 51, or 74, Bacteriology 21, Sociology 11 or 61, Physics 11, Foods and Nutrition 5, and for those who wish to qualify for a teacher's certificate such courses in Secondary Education as will satisfy the State Board of Education.

In addition to the foregoing the following courses in the department of Physical Education are required:

In the Men's Department:

Major requirements:

- Physical Education 7, 8, 9.
- Physical Education 51, 52, 53.
- Physical Education 71 or 73.
- Physical Education 88, 90, 91, 92.
- Physical Education 93, 94, 95, 96.

Minor requirements:

- Physical Education 7, 8, 9.
- Physical Education 51 or 52 or 53.
- Physical Education 71 or 73.
- Physical Education 90, 91, 92, 93, 96.

In the Women's Department:

Major requirements:

- Physical Education 7, 8, 9.
- Physical Education 26, 27, 28 (one quarter).
- Physical Education 54, 55, 56.
- Physical Education 61, 62 or 63, 65.
- Physical Education 71 or 73.
- Physical Education 88, 90, 91, 92.
- Physical Education 93, 94, 95, 96.

Minor requirements:

- Physical Education 7, 8, 9.
- Physical Education 26, 27, 28 (one quarter).
- Physical Education 42.
- Physical Education 54, 55, 56 (any two quarters).
- Physical Education 61, 62, 63 (any two quarters).
- Physical Education 73, 90, 91, 93.

Lower Division Courses

1. **Personal Hygiene.** Autumn, Winter or Spring. T. Th., 1:30. One hour credit. Cullimore, Oaks, Merrill.

This course is required of all freshmen students. The course is designed to present in a popular manner problems concerning personal hygiene and proper health habits.

- 4, 5, 6. **Elementary Physical Education.** Autumn, Winter, Spring. M. W. F. One hour credit each quarter. Women's sections at 10:30, 2:30. Men's sections 9:30, (Tumbling) 10:30; 1:30 (Boxing); 2:30; 3:30.

These courses will include games, and a variety of athletic and gymnastic activities, and are required of all freshmen.

7. **Autumn Activities.** (Men) Autumn. T. Th., 9:30-11:30. One hour credit. Staff.

This course plans a development of fundamental skills in soccer, touch football, speed ball, badminton, quoitennis.

8. **Winter Activities.** (Men) Winter. T. Th., 9:30-11:30. One hour credit. Staff.

Technique and skill will be developed in the following activities: volley ball, tumbling, horizontal and parallel bars, the horse, and the flying rings.

9. **Spring Activities.** (Men) Spring. T. Th., 9:30-11:30. One hour credit. Staff.

Emphasis will be placed on knowledge of rules and techniques and the development of skills in certain gymnastic games, softball, horseshoe pitching, rope work, etc.

7. **Soccer, Speedball, Hockey, and Badminton.** (Women) Autumn. M. W. F., 3:30. One hour credit. Holbrook.

A progressive development in the above. Autumn team sports will be followed, with emphasis upon the attainment of fundamental skills. Majors and minors in physical education should take this course with Physical Education 54.

8. **Basketball and Volleyball.** (Women) Winter. M. W. F., 3:30. One hour credit. Holbrook.

Emphasis will be given to the following items: Skill development, offensive and defensive playing, developing team play, rules, and officiating. Majors and minors in physical education should take this course with Physical Education 55.

9. **Baseball, Track and Field.** (Women) Spring. M. W. F., 3:30. One hour credit. Holbrook.

Theory will be applied to baseball to develop a better game. The best practices in track and field will be employed to develop ease in motion in track and field events. Novelty

aces and "play day" devices and events will be introduced. Majors and minors in Physical Education should take this course with Physical Education 56.

14. Archery. Autumn. M. W. F., 1:30. One hour credit. Holbrook.

The course aims to develop individual techniques, providing experience in various types of tournaments and related archery activities.

15. Tumbling. (Men) Autumn, Winter, Spring. M. W. F., 9:30. One hour credit. Millet.

15. Tumbling, Pyramid Building and Stunts. (Women) Winter. T. Th., 8:30. One hour credit. Holbrook.

Simple tumbling events in keeping with beginners' ability will be taught as foundation work. Other items will be given to develop skill and coordination for the fun and satisfaction of the performers.

17. Boxing. Autumn, Winter, Spring. M. W. F., 1:30. One hour credit. Staff.

This course will consist of the theory and practice of boxing.

18. Wrestling. Fall, Winter. M. W. F., 3:30. One hour credit. Millet.

This course will consist of the theory and practice of wrestling.

19. Tennis. (Men and Women.) Spring. M. W. F., Sec. 1, 7:30; Sec. 2, 9:30. One hour credit. Dixon.

This course will consist of the theory and practice of tennis. Limited to 48 students per class. Not open to Freshmen.

20. Golf. (Men and Women.) Spring. M. W. F. One hour credit. Provo Municipal Golf Course. Time to be arranged. Crowton.

This course will consist of the theory and practice of golf under the personal supervision of professional instruction. A special fee is charged for this course. Students will be required to furnish their own equipment.

21. Developmental Rhythms for Elementary Teachers. Winter. M. W. F., 1:30. One hour credit. Burton.

Especially designed for those preparing to teach in the elementary grades. The course will include fundamentals of body movement, simple rhythms, folk type dances, and will provide experience in creative group work.

22. Play Games and Activities for Elementary Teachers. Spring. M. W. F., 1:30. One hour credit. Burton.

This course deals with principles, method and content of a play program, designed for those preparing to teach in the elementary grades.

24. **Fencing.** Winter, 4:30. Three periods each week. One hour credit. Open to both men and women.

25. **Social Dancing.** Autumn and Winter. T. Th., 4:30-6:00. One hour credit. Burton.

Open to freshmen and sophomore men and women. Permission must be obtained from instructor before registering with the dean. Credit in this course does not substitute for freshman physical education requirement.

26. **Elementary Clog and Tap Dancing.** (Men and Women). Autumn. M. W. F., 8:30. One hour credit. Burton.

Simple routines and rhythms will be taught and worked out to old time and modern music. Emphasis will be placed upon the recreative rather than the professional aspects of the activity.

27. **Intermediate Tap.** (Men and Women). Winter. M. W. F., 8:30. One hour credit. Burton.

For those who have already attained a degree of skill in tap technique. Prerequisite, Physical Education 26, or fundamental tap steps, time steps, and knowledge of several routines.

28. **Advanced Tap.** (Men and Women) Spring. M. W. F., 8:30. One hour credit. Burton.

Prerequisite, Physical Education 27, or individual work.

- 31, 32, 33. **Elementary Modern Creative Dance.** Autumn, Winter, Spring. M. W. F., 9:30. One hour credit. Burton.

Fundamentals in dance technique. The development of modern creative dance and its types of accompaniment.

42. **Folk and Country Dancing.** (Men and Women) Winter. T. Th., 1:30. One hour credit. Burton.

Upper Division Courses

51. **Athletic Coaching and Directing—Football.** Autumn. Three periods each week. 10:30. Three hours credit. Kimball.

This course is designed to prepare students for the coaching of football. It will deal with the fundamentals of the game, methods of working out plays, systems of offense and defense, the conditioning of teams, etc.

52. **Athletic Coaching and Directing—Basketball.** Winter. Three periods each week. 10:30. Three hours credit. Kimball, and Staff.

This course is designed to prepare for the coaching of basketball. Students will be thoroughly instructed in fun-

damentals, offensive and defensive systems, schedule making, etc.

53. **Athletic Coaching and Directing—Track and Field.** Spring. Three periods a week. 10:30. Three hours credit. Hart, Millet.

This course will deal with the technique of track and field athletics and with the management of meets.

54. **Athletic Coaching and Directing.** (Women) Autumn. T. Th., 3:30. One hour credit. Holbrook.

Soccer, speedball, hockey, and badminton. This course for majors and minors is a discussion and theory course with outside readings and assignments. It is expected that individuals registered for this course also register for Physical Education 7, in which they will get the practice of the game and the experience in officiating and coaching.

55. **Athletic Coaching and Directing.** (Women) Winter. T. Th., 3:30. One hour credit. Holbrook.

Basketball and volleyball. This course will consist of theory, discussion, and outside assignments in coaching and directing. Students who register for this course should also register for Physical Education 8, to gain experience in the games.

56. **Athletic Coaching and Directing.** (Women) Spring. T. Th., 3:30. One hour credit. Holbrook.

Baseball, track and field, play days. This theory course dealing with best practices in developing these spring activities for girls will provide a basis of understanding and working principles for coaching. This course should be taken simultaneously with Physical Education 9.

- 61, 62, 63. **Advanced Modern Creative Dance.** Autumn, Winter, Spring. T. Th., 9:30. One hour credit. Burton.

Advance technique and composition. Prerequisites, 31 and 32, or 32 and 33.

65. **Problems of the Dance in Physical Education.** Autumn. T. Th., 7:30 a. m. Two hours credit. Burton.

Problems of the public performance, planning the program, organization, lighting, costumes, etc. Required for a major.

71. **The Theory of Play.** Winter. M. W. F., 1:30. Three hours credit. Holbrook.

The theory of play and its organization, considering history, classification, the need for play in modern life, and play in education.

73. **Co-educational Physical Education and Recreation.** (Men

and Women) Autumn. M. W. F., 1:30. Two hours credit. Holbrook.

This course will deal with technique of conducting and playing individual and group games and activities. Some of those included are: tether ball, shuffle board, paddle tennis, ping pong, side walk tennis, teniquoit, and newcomb. This course is required of all majors and minors in physical education.

88. **Physiology of Activity.** Spring. M. W. F., 7:30. Three hours credit. Kimball. Prerequisites: Zoology 11 and 65.

90. **Principles of Physical Education.** Winter. M. W. F., 8:30. Three hours credit. Kimball.

This course deals with underlying principles of physical education. Prerequisite: Zoology 65.

91. **General Kinesiology.** Autumn. M. W. F., 8:30. Three hours credit. Dixon.

The anatomy of the human body with emphasis upon the study of bones, joints, and the skeletal muscles. Athletic exercises will be studied with reference to their effect upon the body. Prerequisite: Zoology 65.

92. **Methods of Teaching Physical Education.** Autumn. T. Th., 8:30. Two hours credit. Hart.

A study of various systems and methods of teaching physical education; content of the program in physical education, methods of commanding, directing, etc. Prerequisites: Physical Education 90, 91.

93. **Organization and Administration of Physical Education, Health and Recreation.** Spring. M. W. F., 9:30. Three hours credit. Kimball.

The executive and administrative problems arising out of organizing and conducting health, physical education, and recreation programs in schools and communities.

94. **Introduction to Achievement Tests in Physical Education.** Winter. M. W. F., 9:30. Three hours credit. Hart.

This course reviews the history of tests in physical education and also gives much consideration to the essential procedures used in evaluating tests and their results.

95. **First Aid.** Autumn. M. W. F., 1:30. Two hours credit. Miller.

This course will consider the principles of first aid treatment of injuries, massage, physiotherapy, bandaging and the essentials of conditioning athletes.

Those successfully completing the course will be given the official American Red Cross Standard First Aid Course Certificate.

96. **Adaptation of Activities in Corrective Procedure.** Spring. M. W. F., 8:30. Three hours credit. Open to both men and women. Hart.

The variation of posture, the mechanics of balancing of the forces in the body, psychology of individual gymnastics, methods of stimulating interest in posture, and the selection and scope of corrective activities. Prerequisites: Zoology 65, Physical Education 91.

Graduate Courses

165. **Problems in the Dance in Physical Education.** Autumn. T. Th., 7:30 a. m. Two hours credit. Burton.
171. **Theory of Organized Play.** Winter. M. W. F., 1:30. Three hours credit. Holbrook.
188. **Physiology of Activity.** Spring. M. W. F., 7:30. Three hours credit. Kimball. Prerequisites: Zoology 11 and 65.
190. **Principles of Physical Education.** Winter. M. W. F., 8:30. Three hours credit. Kimball. Prerequisites: Psychology 11 and Zoology 11 and 65.
193. **Organization and Administration of Physical Education, Health and Recreation.** Spring. M. W. F., 9:30. Three hours credit. Kimball.
194. **Achievement Tests in Physical Education.** Winter. M. W. F., 9:30. Three hours credit. Hart.
196. **Adaptation of Activities in Corrective Procedure.** Spring. M. W. F., 8:30. Three hours credit. Open to both men and women. Hart. Prerequisites: Psychology 11, Zoology 65, Physical Education 91.

198. Research in Physical Education. Time and credit to be arranged. Jeppson and Hart.
200. The Master's Thesis in Physical Education. Credit by arrangement.

PHYSICS

Professors Marshall and Hales.

Students who expect to study Medicine, Engineering, Chemistry, or who are planning to major in the Department of Physics should begin their study of Physics by electing courses 41, 42 and 43.

Non-science students may elect with profit courses 11, 16 and 26, which may be taken without prerequisite and which are organized with the view of giving the student an appreciation of his physical environment.

Students majoring in Physics have the following courses prescribed: Physics 41, 42, 43, 85, 90, 91, 92, and some sequence such as Physics 72, 73, 74, 75, 81, 83, or 55, 66, 67, 81, 83, or 55, 66, 67, 72, 73, 74, 75. In addition course 99 should be elected by students who plan to be high school teachers.

Lower Division Courses

11. A Survey Course in Physics. Autumn and Winter. M. T. W. Th., 10:30. Four hours credit. Marshall.

This is an orientation course designed for the non-science student who seeks information concerning the scientific interpretation of his physical environment.

16. Descriptive Astronomy. Spring. M. T. W. Th., 10:30. Four hours credit. Hales.

This course is designed for those wishing a general knowledge of the facts, theories, and methods of astronomy. Frequent use will be made of the University Observatory on University Hill.

26. Photography. Spring. Lecture, M. W. F., 7:30. Laboratory time to be arranged. Four hours credit. Hales. (See Journalism 26.)

Lectures on the theory and art of photography; laboratory exercises in photographic manipulation, determination of the characteristics of photographic materials, color, sensitivity, etc.

41. **General Physics. Mechanics and Sound.** Autumn. Lecture, M. W. F., 1:30. Laboratory, T. and Th., 1:30-3:30. Five hours credit. Hales.

Courses 41, 42 and 43 constitute a general college course in physics. This general course will satisfy the requirements in physics for engineering and medical students, and it is a prerequisite for all the specialized courses in physics.

42. **Electricity.** Winter. Lecture, M. W. F., 1:30. Laboratory, T. and Th., 1:30 to 3:30. Five hours credit. Hales.

Continuation of 41.

43. **Heat and Light.** Spring. Lecture, M. W. F., 1:30. Laboratory, 1:30 to 3:30. Five hours credit. Hales.

Continuation of 42.

Upper Division Courses

55. **Atomic Physics.** Autumn. Lecture, M. T. Th. Fri., 8:30. Laboratory W., 8:30. Five hours credit. Hales.

A study of the structure of the atom as revealed by X-rays, radio activity, spectroscopy, and related subjects.

- 66, 67. **Electricity and Magnetism.** Winter, Spring. Lecture, T. Th. Fri., 2:30. Laboratory M. W., 2:30. Five hours credit each quarter. Marshall.

A study of electronics, the vacuum tube, and D. C. and A. C. circuit theory and measurements.

72. **Physics of the Air.** Autumn. Lecture M. T. Th. Fri., 8:30. Laboratory W. Five hours credit. Hales. (Not given this year.)

The physics of the earth's atmosphere; a study of the causes which produce variations in the pressure, temperature, and humidity of the air and their influence upon weather and climate.

73. **Synoptic Meteorology.** Winter. Lecture M. T. Th. Fri., 8:30. Laboratory W. Five hours credit. Hales. (Not given this year.)

A continuation of Course 72 with special emphasis placed upon the Norwegian Polar front theory of weather analysis. Daily weather maps, including all frontal data, atmospheric cross sections, and various thermodynamic charts, will be constructed as part of the laboratory work.

74. **Sound.** Winter. Lecture. M. T. Th. Fri., 9:30. Laboratory W. Five hours credit. (Not given this year.)

Speech, hearing, sound transmission and radiation, and acoustics of auditoriums.

75. **Experimental Optics.** Spring. Lecture, M. W. F., 8:30. Lab-

oratory: Time to be arranged. Five hours credit. Marshall. (Not given this year.)

During the first part of the course experiments outlined in Taylor's Manual of Optics will be performed, and during the last special work in the echelon and concave grating will be given.

76. **Advanced Photography.** Spring. Lecture, W., 7:30. Laboratory, time to be arranged. Two hours credit. Hales.

A laboratory course in the more advanced photographic principles including sensitometry, physical development, toning, natural color printing, and so forth. Prerequisites: Physics 26 and Physics 41, 42, 43 or Chemistry 4, 5, 6.

81. **Mechanics.** Winter. Daily, 8:30. Five hours credit. Hales.

Fundamental principles of mechanics and their application to physical problems. Prerequisites: Calculus and Physics 41, 42, 43.

83. **Thermodynamics.** Spring. Daily, 8:30. Five hours credit. Hales.

A study of the laws of thermodynamics and their application to numerous physical and chemical phenomena.

85. **Advanced Physical Measurements.** Autumn, Winter or Spring. Time to be arranged. One to three hours credit. Marshall and Hales.

Precision measurements involving special laboratory techniques and the solution of some simple research problem. Required of all majors in physics in Senior year.

87. **Laboratory Arts.** Autumn. T. Th., 3:30-6:30. Two hours credit. Marshall and Hales.

Processes connected with the construction and use of apparatus in physical laboratory.

- 90, 91, 92. **Seminar.** Autumn, Winter, Spring. One hour credit each quarter. Time to be arranged. Marshall and Hales.

A survey of physical theories and topics in modern research. A course for seniors in which the student is aided to integrate the specialized courses.

95. **Readings in Modern Physics.** Credit 1 to 3 hours, depending on the work done. Marshall or Hales.

A reading course designed to acquaint the student with new material which may not have been included in the regular courses.

99. **Teaching of Physics.** Autumn. M. W., 3:30. Two hours credit.

Graduate Courses

101, 102, 103. Introduction to Modern Physics. Autumn, Winter, Spring. Daily, 8:30. Five hours credit each quarter. Marshall.

A study of modern physics, including such topics as quantum theory, spectroscopy, and atomic structure, etc.

105, 106, 107. Introduction to Theoretical Physics. Autumn, Winter, Spring. Daily, 10:30. Five hours credit each quarter. Hales.

An introductory study of the mathematical basis and development of the fundamental laws and theories of physics.

110, 111, 112. Classical Experiments. Each course two hours credit. Marshall and Hales.

190, 191, 192. Seminar. Autumn, Winter, Spring. Time to be arranged. One hour credit each quarter. Marshall and Hales. Hales.

195. Readings in Modern Physics. Credit, one to three hours, depending upon amount of work done. Eyring, Marshall and Hales.

200. Thesis in Physics. Credit to be arranged.

POLITICAL SCIENCE

Professor Jensen; Mr. Wilson, Mr. Gaeth.

Requirements for a Major in Political Science: Students must present a minimum of fifteen hours of upper division credit in Political Science. The upper division courses selected must be approved by the major professor at the time of registration.

Lower Division Courses

1. A Survey Course in Political Science. Autumn. Daily, 10:30. Five hours credit. Wilson.

A comparative study of the origin and development of government, its forms and organization, problems of administration and popular control, international relations and world politics.

10. National Government of the United States. Winter. M. W. F., 10:30. Three hours credit. Jensen.

The historical development of the American Government; origin and growth of the Constitution; constitutional rights of the citizens; a detailed study of the executive, legislative, and judicial departments of the national government.

11. **State and Local Government in the United States.** Spring. M. W. F., 10:30. Three hours credit. Jensen.

The nature of federal government; the evolution of states from territories; place of the states in the nation; a study of the executive, legislative, and judicial branches of state government.

21. **Problems of Citizenship.** Autumn. M. W. F., 1:30. Three hours credit. Gaeth.

A study of fundamental, political, social, economic, and international problems which make for intelligent citizenship.

43. **Commercial Law.** Autumn. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Finance and Banking 43.)

Fundamental legal principles and institutions; the formation, operation and effect, and performance of contracts; the law governing the acquisition and transfer of title to real and personal property.

44. **Commercial Law.** Winter. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Finance and Banking 44.)

A study of law governing Negotiable Instruments, rights and liabilities of parties thereto; also a study of the law governing sales of personal property as distinguished from gifts, barter and bailments.

45. **Commercial Law.** Spring. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Finance and Banking 45.)

A study of the law governing relationships arising out of business associations; Agency, Partnerships and Corporations will be studied by an examination of the leading cases decided by the courts.

Upper Division Courses

50. **Principles of Political Science.** Spring. M. W. F., 10:30. Three hours credit. (Not given this year.)

A systematic study of the principles of political science; the scope and methods of political theory; the origin, basis and nature of the state; sovereignty; the structure and province of government; citizenship and nationality.

51. **European Political Philosophy.** Spring. M. W. F., 10:30. Three hours credit. Wilson. (Not given this year.)

A survey of political thought from the time of the ancients to the present with emphasis given to English political theory.

53. —History of American Political Thought. Autumn. M. W. F., 10:30. Three hours credit. Jensen.

A study and interpretation of American political ideas from the colonial period to the present with an examination of their influence in the development of American history and government.

63. Municipal Government. Spring. M. W. F., 9:30. Three hours credit. Jensen. (Not given this year.)

A study of municipal growth and development in the United States and in some of the principal European countries. Attention is given to municipal structure, organization, and administration.

73. Comparative European Governments. Winter. M. W. F., 1:30. Three hours credit. Gaeth.

A study of the organization and operation of the governments of England, France, Italy, Germany, and Russia. Attention is also given to some of the new European governments.

77. Political Parties and Party Government. M. W. F., 9:30. Three hours credit. Jensen. (Not given this year.)

A study of the organization and methods of action of political parties in the United States; the development of the party system; the party system in leading European countries.

80. International Law. Autumn. M. W. F., 9:30. Three hours credit. Jensen.

A study of the sources, principles, and sanctions of international law; the law of peace, war, and neutrality. Problems growing out of the World War and the resulting modifications of international law.

82. History of American Foreign Policy. Spring. M. W. F., 9:30. Three hours credit. Jensen.

This course traces the history of American foreign relations from the colonial period to the present. Attention is given to the principal issues of diplomatic controversy and settlement.

83. International Relations. Winter. M. W. F., 9:30. Three hours credit. Jensen.

A study of the major contemporaneous problems and developments in the field of international relations.

85. International Organization and Government. Winter. T. Th., 10:30. Two hours credit. Gaeth.

The rise and development of international government; diplomatic intercourse of states; international executive,

administrative, legislative and judicial functions, agencies of international intercourse and cooperation.

87. **Current European Problems.** Spring. M. W. F., 1:30. Three hours credit. Gaeth.

A study of the momentous recent political changes in Europe. The course aims to interpret governmental changes, treaties, conflicts, and problems which are arising in Europe at present.

90. **The Constitution of the United States.** Spring. T. Th., 9:30. Two hours credit. Jensen. (Not given this year.)

A course dealing with the history and development of the Constitution of the United States, a study of its fundamental provisions, their interpretation, and their application in the functioning of the American system of government.

95. **Constitutional Law of United States...** Autumn. Daily, 9:30. Five hours credit. Jensen. (Not given this year.)

Jurisdiction of federal courts, citizenship, naturalization, suffrage, personal liberty, protection to persons accused of crime, due process and equal protection of the laws, police power, eminent domain, taxation, regulation of commerce, impairment of obligation of contracts, etc. A standard book of cases will be used.

Graduate Courses

- 150. Principles and Problems of Political Science.
- 151. European Political Philosophy.
- 153. American Political Theories.
- 163. Municipal Problems.
- 174. English Government and Politics.
- 175. The British Commonwealth of Nations.
- 177. Political Party Systems in the United States and in European Countries.
- 180. International Law as Administered by the Courts.
- 181. The Conduct of American Foreign Relations.
- 182. History and Problems of American Foreign Policy.
- 183. International Relations and World Politics.
- 195. Constitutional Law of the United States.
- 198. Research in Political Science.
- 200. Research for Master's Thesis.

PSYCHOLOGY

Professor Poulson; Assistant Professor Dusenberry; Mr. Gibb.

Suggestions as to Courses. Psychology 11 is the standard foundation course which is usually made a prerequisite to all other courses in university departments of psychology. The courses especially recommended to follow it are:

General Cultural Interests: Psychology 64, 65, 70, 78, 79, 95 and 96.

Home-making Interests: Psychology 70, 75, 78 and 79.

Business Interests: Psychology 10, 64, 65, 70 and 75.

Educational Interests: Psychology 65, 70, 74, 75, 76, 78 and 79. For fulfilling State Board requirements, Psychology 51 is intended for prospective elementary school teachers and Psychology 74 for junior and senior high school teachers. Other courses in this department may be used as electives for state certification.

Psychology Major: Credit must include Experimental Psychology and not less than nine quarter hours selected from Psychology 70, 75, 76, 79, 95, 96, 101, 102, and seminar courses in psychology. Prospective "school psychologists" should aim to meet the major requirements as nearly as possible.

Lower Division Courses

10. **Study Habits and Mental Hygiene.** Autumn. T. Th., 8:30; Winter. T. Th., 1:30; Spring. T. Th., 2:30. Two hours credit. Poulson and Gibb.

A practical course intended especially to help freshmen who desire to improve their mental health and methods of study.

11. **General Psychology.** Autumn, Daily, 10:30. Winter, Daily, 9:30. Spring, Daily, 10:30. Five hours credit. Poulson and Gibb.

An introductory study of mental activity covering in a general way the whole field of modern psychology. Approximately one-fifth of the course will consist of simple laboratory experiments.

Upper Division Courses

51. **Educational Psychology.** Autumn, Winter or Spring. Section 1, M. W. F., 9:30; Section 2, M. W. F., 10:30. Three hours credit each quarter. Dusenberry.

This course deals with economy and technique of learning, individual differences, mental efficiency, native equipment, habit formation, emotions, and reasoning, and other applications of psychology in teaching and daily life.

64. **Applied Psychology.** Spring. M. W. Th. F., 8:30. Four hours credit. Poulson.

Survey of the applications of scientific psychology in advertising, personal selling, industry, medicine, law, music, speech, writing, art, and athletics. Each student will stress his major interests. Prerequisite: Psychology 11.

65. **Experimental Psychology.** Autumn, lecture, W., 1:30; Winter, lecture, Th., 2:30; or Spring, lecture, Th., 1:30. Laboratory each quarter M. W. F., 3:30-5:30 or equivalent number of hours to be arranged. Three hours credit. Gibb.

Selected readings and laboratory work in experimental psychology to show how scientific technique is applied in the study of mental activity. Presentation of data in tabular and graphic form. Prerequisite: The consent of the instructor.

70. **Social Psychology.** Autumn. M. T. W. F., 9:30. Four hours credit. Poulson.

A study of mental life as conditioned by the social environment. Nature and development of personality. Educational implications of social psychology. Prerequisite: Psychology 11 or its equivalent.

78. **Psychology of Childhood and Adolescence.** Winter. M. W. F., 8:30. Three hours credit. Poulson.

Psychological description of the individual's development from birth to maturity, and theories of mental growth. Practical implications for parents, teachers and social workers. (See Household Administration 78.) Prerequisite: Psychology 11 or equivalent.

74. **Advanced Educational Psychology.** Winter. M. W. Th. F., 10:30. Spring. M. W. Th. F., 9:30. Four hours credit. Poulson.

A brief consideration of certain important phases of the psychology of secondary education. The laws of economical learning, individual differences, and the psychology of school subjects. Prerequisite: Psychology 11.

75. **Psychological Tests.** Autumn. M. W. F., 9:30. Three hours credit. Gibb.

History, theory and use of different kinds of psychological tests and scales. Scientific interpretation and application of test results. Prerequisite: Psychology 11.

76. **Mental Test Practice.** Autumn. Th., 9:30, and five other hours per week to be arranged. Two hours credit. Gibb.

Supervised training in the actual administration of psychological tests with emphasis upon Forms L and M of the new revised Stanford-Binet tests of intelligence. Prerequisite: Consent of the instructor.

79. **Psychology of Personality.** Autumn. M. W. F., 8:30. Three hours credit. Poulson.

A consideration of the psychological foundations of human conduct. Varieties of adjustive and non-adjustive behavior.

Psychology of abnormal people. The wholesome personality. Mental hygiene problems of the home and school. Prerequisite: Psychology 11. (See Household Administration 79.)

93. Psychology of Religion. Winter. M. W. F., 8:30. Two hours credit. Poulson.

An advanced consideration of important results of the psychological study of religion as a basis for the interpretation of its meanings in personal and social life. Prerequisite: Psychology 11, and 70 or 78 or 79.

95. History of Psychology. Autumn. T. Th., 2:30. Two hours credit. Poulson.

A consideration of the historical background of present-day psychology with special emphasis upon the developments of the last hundred years. Prerequisites: Psychology 11 and 65 or equivalent.

96. Contemporary Schools of Psychology. Autumn. M. W., 2:30. Two hours credit. Poulson.

A critical and comparative study of such contemporary systems and movements as structuralism, functionalism, behaviorism, Gestalt psychology and psychoanalysis. Prerequisites: Psychology 11 and 65 or the equivalent.

Graduate Courses

- 101, 102. Advanced General Psychology. Winter and Spring. M. W. F., 2:30. Three hours credit each quarter. Poulson.

A careful reconsideration of the general field of modern scientific psychology, and a thorough examination of various difficult topics. Prerequisites: Psychology, 11 and 65 or equivalent.

165. Advanced Experimental Psychology. Winter. Lecture. Th., 2:30. Laboratory M. W. F., 3:30-5:30 or equivalent number of hours to be arranged. Three hours credit. Poulson.

170. Social Psychology. Autumn. M. T. W. F., 9:30. Four hours credit. Poulson.

174. Advanced Educational Psychology. Winter. M. W. Th. F., 10:30. Spring. M. W. Th. F., 9:30. Four hours credit. Poulson. Prerequisite: Psychology 11.

178. Psychology of Childhood and Adolescence. Winter. M. W. F., 8:30. Three hours credit. Poulson.

179. Psychology of Personality. Autumn. M. W. F., 8:30. Three hours credit. Poulson.

187, 188, 189. Seminar in Psychology. Autumn, Winter or Spring. Time to be arranged. One or two hours credit each quarter. Poulson.

Recent and current literature in theoretical and experimental psychology will be reviewed. Prerequisite: Consent of the instructor.

193. Psychology of Religion. Winter. T. Th., 8:30. Two hours credit. Poulson.

195. History of Psychology. Autumn. T. Th., 2:30. Two hours credit. Poulson.

196. Contemporary Schools of Psychology. Autumn. M. W., 2:20. Two hours credit. Poulson.

200. Thesis in Psychology. Winter or Spring. Three to five hours credit. Poulson.

Research work in the preparation of a Master's thesis. Prerequisites: Ten hours of upper division and graduate credit in psychology including Psychology 65 or 165. Also a course in statistical methods.

RELIGIOUS EDUCATION

Professors Wilson, A. N. Merrill, H. R. Merrill, Cummings, Lambert; De Jong, Miller, Martin, Hansen, Jensen, W. H. Boyle, Hoyt, Hart, Ivins, Shaw; Associate Professors Sperry, Rowe, Nicholes, Law, Lloyd; Assistant Professors R. Swensen, Holbrook; Mr. Wilson, Mr. Tracy, Mr. Anderson, Mr. Pond, Miss Waspe, Mr. Ballif

Lower Division Courses

1, 2, 3. The Restored Gospel as a Way of Life. Autumn, Winter, Spring. T. Th., Sec. 1, 8:30; Sec. 2, 9:30; Sec. 3, 4, 10:30; Secs. 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 11:30; Sec. 15, 2:30. Two hours credit each quarter. Wilson, Boyle, DeJong, Cummings, Lambert, Miller, Hansen, Jensen, Shaw, M. Wilson, Law, Pond and Ballif.

The student just entering college is aided in the solution of problems incident to his new environment. The general significance and meaning of the Restored Gospel as it applies to conduct will be the central theme.

4, 5, 6. Literature of the Bible. Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. H. R. Merrill, Tracy.

A study of the prose forms of the Old Testament from a literary, ethical, historical, and religious point of view; a

study of the poetry and wisdom literature of the Old Testament including Job and Isaiah; a study of the literary forms of the New Testament.

- 10, 11, 12. **Book of Mormon.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. A. N. Merrill, Rowe.
A study of the origin and content of the Book of Mormon.

14. **Genealogy.** Autumn or Spring. T. Th., 11:30. Two hours credit. Sudweeks.

The place of genealogy in the plan of salvation, our responsibility to our dead ancestors, genealogical research, the pedigree, the family record, temple sheets, and temple ordinances.

15. **Genealogy and Eugenics.** Winter. T. Th., 11:30. Two hours credit. Sudweeks.

Relation of race improvement to religion and genealogy; nature and nurture, inheritance, methods and agencies for race improvement, marriage, divorce and birth rates.

- 19, 20, 21. **Doctrine and Missionary Method.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. Ivins.
Only with consent of instructor.

A course designed especially for prospective missionaries. A review of the history of religious propaganda, a detailed study of methods employed in preaching the doctrines of the Church.

- 25, 26, 27. **L. D. S. Church History.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit. Nicholes.

A history of the Church with a progressive study of the doctrines in their social and historical setting.

- 28, 29, 30. **Comparative Study of Christian Religions.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. R. Swenson.

A comparative study of contemporary Christian religions, their historical growth, famous leaders, theological creeds, church organizations, and present-day trends; also other great religions.

Upper Division Courses

- 51, 52, 53. **Hebrew Civilization.** Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. Sperry.

The religious life of our civilization is rooted in Israel.

This course will portray Israel's exceptional mission in the world and her importance in Latter-day Saint philosophy.

- 54, 55, 56. Literature of the New Testament. Autumn, Winter, Spring, 8:30. Two hours credit each quarter. R. Swensen.

A literary, historical study of the New Testament books. Special attention is given to the historical background, literary features, and the distinctive religious teachings of each book.

- 63, 64, 65. History of the Christian Church. Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. R. Swensen.

A historical survey of the growth of Christianity from the time of Christ to the present. The imperial Roman, the medieval, and the modern ages are studied for the light which they throw upon the cultural, social, and religious backgrounds of Christianity.

- 66, 67, 68. Old Testament History. Autumn, Winter, Spring. T. Th., 11:30. Two hours credit. Martin.

A study of the political, cultural, and religious development of Israel up to the time of the Prophet Amos; contributions of the prophets of Israel during the period 800 to 400 B. C.; a study of the priestly period from 400 B. C. to the time of Jesus.

71. Manners and Customs of the Hebrews. Autumn. T. Th., 11:30. Two hours credit. Sperry.

The traditions, customs, and modes of thought of the ancient Hebrews. The literature of the Bible cannot be fully understood without a knowledge of the customs of the people that produced it.

72. Hebrew Archaeology. Winter. T. Th., 11:30. Two hours credit. Sperry.

A study of the results of exploration and excavation in Bible lands with special reference to the Hebrew people.

73. Modern Religious Problems. Spring. T. Th., 11:30. Two hours credit. Sperry.

Will deal with such problems as the criticism of the Bible, the criticism of the Book of Mormon, and modern problems of religious interest.

74. Leadership in Recreation. Autumn, Winter, or Spring. T. Th., 11:30. Two hours credit. Holbrook and Hart.

This course is given to meet the needs of the community, church, and school recreational leaders. Open to juniors and seniors only, and then by permission of instructor.

75. Bee-Hive Leadership. Winter, 11:30. Two hours credit. Waspe.

A course designed especially for those interested in girl guidance work. Consideration of the interests and needs of adolescent girls; a study of the girl movements of the world; leadership qualifications; plan of the Bee-Hive Girls organization, and methods of presentation.

76. Bee-Hive Leadership. Spring, 11:30. Two hours credit. Waspe.

A practical application of the work covered in course 75. Group activity in the various fields of the Bee-Hive plan: Home, Health, Religion, Out-of-doors, Art, Public Service, Business.

- 77, 78, 79. Scout Leadership. Autumn, Winter, Spring. T. Th., 11:30. Two hours credit. Anderson.

A course designed especially for scoutmasters and prospective scout leaders. The following topics will be considered: Organization of a Scout troop and its relationship to the Local Council and the National Council; troop management and the patrol system; the psychology of the Boy Scout; scout stories and games; signs, symbols, and signaling; pathfinding and mapmaking; trees, flowers, birds, common wild animals, and stars are the subjects to be studied in the class room and while on short hikes.

- 84, 85, 86. Problems in Personal Religious Living. Autumn, Winter, Spring, T. Th., 11:30. Two hours credit. Lloyd.

A study of the religious factors that are involved in the achievement of wholesome personality. The course includes an analysis of basic religious issues in the modern world.

- 87, 88, 89. Rationality of Religion. Autumn, Winter, and Spring. Sec. 1. T. Th., 10:30; Sec. 2, T. Th., 11:30. Two hours credit each quarter. Wilson.

Religion as life in its relationship to philosophy; the concept of God, His relations to man, and His plan for man's redemption; Jesus Christ and His relation to the plan; the Restored Gospel as a way of life. Arranged especially for Seniors.

Graduate Courses

- 121, 122, 123. Seminar. Autumn, Winter, Spring. Time to be arranged. Wilson.

- 187, 188, 189. Rationality of Religion. Autumn, Winter, Spring.

T. Th., 11:30. Two hours credit each quarter. Wilson.

These courses are extensions of courses 87, 88 and 89.

200. Thesis. Time and hours to be arranged. Religious Education Faculty.

SOCIOLOGY

Professors Swenson, Hansen, Boyle; Mr. Ballif.

Courses 11 and 12, or 55 and 56 are prerequisite to all other courses in sociology.

Students majoring in this department are required to take courses 11, 12, 53, 57, 58, 75, and 81.

Sociology majors and minors are advised to broaden their background with courses in related fields. The following are especially recommended. Economics 60 and 61, Geography 52, Anthropology 94, History 1, Political Science 1, Psychology 11, 70, 71, 72 and 79, Zoology 11, 18 and 79.

Lower Division Courses

11. Introduction to the Study of Sociology. Autumn, Winter and Spring. Daily, 2:30. Five hours credit each quarter. Ballif.

This course is designed to give the ground work for social study. It presents a general view of social organizations, social forces and a practical working theory of the nature of society.

12. Social Problems. Spring. Daily, 7:30. Five hours credit. Ballif.

This course deals with concrete social problems such as crime, poverty, racial conflicts, etc. Discussions, papers, and assigned readings.

Upper Division Courses

51. Community Organization and Leadership. Autumn. M. W. F., 10:30. Three hours credit.

Problems of community life and action, and the methods of promoting them through organization and leadership.

53. Rural Sociology. Spring. M. W. F., 10:30. Three hours credit.

A survey of social conditions in the rural life of America, with special reference to those social processes which are in operation at the present time.

55. Introduction to the Study of Sociology. Autumn and Winter. Daily, 8:30. Five hours credit each quarter. Swenson.

56. Social Problems. Winter. Daily, 9:30. Five hours credit. Swenson. Same as Sociology 12.

57. Population Problems. Autumn. M. W. F., 10:30. Three hours credit.

A study of the growth and distribution of population. Such subjects as population density and mobility, birth and death rates, eugenic considerations, etc., will be discussed.

58. **Human Ecology.** Autumn. T. Th., 10:30. Two hours credit. Ballif.

A study of the spatial relationships of man as determined by his adaptation to physical and social environment. Discussions will center on such subjects as isolation, interaction, segregation, invasion, etc.

61. **Educational Sociology.** Autumn. M. W. F., 9:30. Three hours credit. Swenson.

An introductory study of the principles of educational sociology and their application to the theory and practice of school administration, curricula and methods of instruction.

66. **Urban Sociology.** Winter. T. Th., 10:30. Two hours credit. Swenson.

A study of the evolution and problems of urban life, with special emphasis on the economic, ethical, and political influence of cities on modern society.

70. **Social Control.** Spring. M. W. F., 8:30. Three hours credit. Swenson.

A study of the means of the control of the individual by groups. Such agencies as public opinion, belief, social suggestions, ceremony, personal ideals, etc., will be studied in detail.

71. **Juvenile Sociology.** Spring. T. Th., 9:30. Two hours credit. Boyle.

This course deals with the educational problems of the adolescent, as related to the home, the school, industry, the community, and his own group.

75. **The Family.** Spring. M. W. F., 10:30. Three hours credit. Swenson.

A study of the history and development of the family and its place as an institution in the development of our civilization. The course also considers the modern family and its problems.

- 77, 78. **Social Case Work.** Autumn, Winter, and Spring. F., 1:30 to 3:30. Two hours credit each quarter. Swenson.

Principles and practices of case work with the maladjusted and the dependent.

80. **Social Statistics.** Winter. M. W. F., 8:30. Three hours credit. (Not given this year.)

A study of graphical and statistical methods as they

apply to sociology. Practice will be given in computing statistical averages, deviations, correlations, etc.

81. **The History of Social Theory.** Spring. M. W. F., 9:30. Three hours credit. Swenson.

The course deals with evolution of social theories beginning with Plato and considering the developments through the early Christian Era and also the Medieval and modern social theorists.

90. **Labor Problems.** See Economics 61.

93. **Race and Racial Problems.** Winter. T. Th., 10:30. Two hours credit.

An analysis of the classification and distribution of races, and of the problems which grow out of racial conflict.

96. **Cultural Anthropology.** Winter. M. W. F., 10:30. Three hours credit.

An analysis of the social institutions of primitive people and how those institutions have developed. The meaning and content of culture.

- 97, 98, 99. **Recent Social Trends.** Autumn, Winter, Spring. M., 4:30. Two hours credit each quarter. (Not given this year.)

A cross-section of contemporary American civilization. Special attention will be given the reports of the Hoover Commission on Social Trends.

Graduate Courses

- 101, 102, 103. **Research.** Time and credit to be arranged. Swenson.

Opportunity is given for the student to work out a problem in the field of his greatest interest. Direction in the methodology of research in the social science field, and in the presentation of material.

151. **Community Organization.** Autumn. M. W. F., 10:30. Three hours credit. Swenson. (See Sociology 51.)

161. **Educational Sociology.** Autumn, 9:30. Three hours credit. Swenson.

171. **Juvenile Sociology.** Spring. Two hours credit. Boyle.

175. **The Family.** Spring. Three hours credit. Swenson.

186. **Social Organization.** Spring. Three hours credit.

190. **Labor Problems.** Winter. Three hours credit.

191. **Labor Legislation.** Spring. Three hours credit.

195. **Cultural Anthropology.** Winter. Three hours credit. Christensen.

196. Research. Time and credit to be arranged.
- 197, 198, 199. Recent Social Trends. Autumn, Winter, Spring. M., 4:30. Two hours credit each quarter. Christensen. (Not given this year.)
200. Thesis.

SPEECH

Professors Pardoe, Morley, De Jong; Mr. Clinger, Miss Billings

Students majoring in this department are required to furnish two years in a foreign language. They may elect one of the two divisions, public speaking, or dramatic art. Requirements for public speaking are Speech 1, 2, 3, 4, 11, 12, 51, 52, 53, 84p, 91, and 95. Requirements for dramatic art are Speech 1, 2, 11, 12, 22, 42, 43, 61, 62, 72, 73, 77, 78 or 79, 81p, 87p, 91 and 95.

It is advisable to register for Physics 11, Psychology 11, Psychology 74, and Art 21.

Students minoring in Speech should qualify in the following courses: Speech 1, 2, 4, 11, 12, 51 or 52, 72 or 73, 91, and 95.

Lower Division Courses

- *1. Principles of Speech. Autumn. Sec. 1, M. W.; Sec. 2, T. Th., 9:30; Sec. 3 and 4, M. W., Sec. 5, T. Th., 1:30; Sec. 6, M. W., 2:30. Two hours credit. Morley, Clinger.

The elements of speech, proper carriage, and simple outline of speeches constitute the major portion of this course.

- *2. Open Forum Discussion. Winter. Sec. 1, M. W.; Sec. 2, T. Th., 9:30; Sec. 3 and 4, M. W., Sec. 5, T. Th., 1:30; Sec. 6, M. W., 2:30. Two hours credit. Morley, Clinger.

Encouragement and practice in extemporaneous speech and application of speech principles. Vocabulary building.

- *3. Speech Analysis. Spring. Sec. 1, M. W.; Sec. 2, T. Th., 9:30; Sec. 2 and 4, M. W., Sec. 5, T. Th., 1:30; Sec. 6, M. W., 2:30. Two hours credit. Morley, Clinger.

The study of masterpieces and models of speech composition. Practice in delivery and analysis. Individual needs especially motivated.

4. Voice and Diction. Autumn, Winter, Spring. T. Th., 2:30. Two hours credit. Morley.

A laboratory study and supervised development of good voice and diction. Especially planned for prospective teachers.

*Classes in Speech 1, 2, 3, 11, 12, and 13, are limited to twenty members. Assignments are made by Speech Department at registration.

- *11. **Elementary Speech Problems.** Autumn. Sec. 1, M. T. W. Th., 8:30; Sec. 2, M. T. W. Th., 10:30; Sec. 3, M. T. W. Th., 2:30. Four hours credit. Pardoe.

Fundamental principles of speech arts, with emphasis on pantomime.

- *12. **Classical Literature.** Winter. Sec. 1, M. T. W. Th., 8:30; Sec. 2, M. T. W. Th., 10:30; Sec. 3, M. T. W. Th., 2:30. Four hours credit. Pardoe.

Application of the elements of reading to great scenes of classical literature.

- *13. **Dramatic Monologue.** Spring. Sec. 1, M. T. W. Th., 8:30; Sec. 2, M. T. W. Th., 10:30; Sec. 3, M. T. W. Th., 2:30. Four hours credit. Pardoe.

Special attention is given to the dramatic monologue and soliloquy.

21. **Interpretative Literature.** Autumn. M. W. F., 9:30. Three hours credit. Pardoe.

Character delineation forms a great portion of this work.

22. **Dialogue and Scene Presentation.** Winter. M. W. F., 9:30. Three hours credit. Pardoe.

The great scenes from Shakespeare and classical literature. Character analysis and presentation. Prerequisites: Courses 11, 12, 13.

42. **Practical Phonetics.** Autumn or Winter. T. Th., 1:30. Two hours credit. De Jong.

A course prescribed for all majoring in speech. Given to aid students to acquire a better understanding of English and foreign diction. (See Department of Modern and Classical Languages, Phonetics 42.)

- 43 or 44. **Representative Dialect.** Spring. M. W. F., 9:30. Three hours credit. Pardoe.

A study of dialect as an element in interpretation. Scotch, Italian and Yiddish alternate each year with Cockney, Negro and class choice. Scotch on even years. Prerequisite: Course 42.

Upper Division Courses

51. **Advanced Speech Composition.** Autumn. M. W. F., 9:30. Three hours credit. Morley.

*Classes in Speech 1, 2, 3, 11, 12, and 13, are limited to twenty members. Assignments are made by Speech Department at registration.

An intensive study of the organization of advanced forms of public speaking and practical experience in their delivery.

52. **Argument and Debate.** Winter. M. W. F., 9:30. Three hours credit. Morley.

A study of the principles of argument followed by a series of debates on current questions. (See English 52.) Prerequisites: English 1, 2, 3; Speech 1, 2.

57. **Advanced Debate.** Winter. One hour credit. For such members of the debating squad as can qualify and register for this course, subject to the approval of the Speech Department.

58. **Radio Broadcasting.** Autumn or Spring. M. W., 3:30. Two hours credit. Pardoe, Morley and Staff.

Technique of radio speech and preparation for broadcasting. Prerequisite Speech 4. Laboratory fee \$2.50.

61. **Speech Projects.** Autumn. T. Th., 3:30. Two hours credit. Pardoe.

A speech seminar for the study of individual problems. Required of all majors. Course prepares for 62.

62. **Impersonation.** Winter. M. T. W. Th., 3:30. Four hours credit. Pardoe.

An advanced course leading to the reading of full programs. Only those who have built a proper voice foundation, and who can qualify in Speech 1, 2, 11, 12, 13, and 22 are eligible. Speech 61 is obligatory for this course. The Mask Club is the laboratory for this course.

65. **Historic Costume and Costume Design.** Winter. M. W. F., 1:30. Three hours credit. Billings.

Historic development of fashion and fashion trends. Costume studies for plays and period designing.

71. **Stage Craft.** Autumn. M. W. F., 2:30. Three hours credit. Pardoe.

It is suggested that students take Art 21 as a preparation for this course.

72. **Play Production.** Winter. M. W. F., 2:30. Three hours credit. Pardoe. Three classes and one laboratory period per week. Advanced students only. Courses 11, 12, 13, and 22 are prerequisite.

73. **Acting.** Spring. M. W. F., 2:30. Three hours credit. Two classes and one laboratory period per week. Advanced students only. Required of all Speech Seniors. Pardoe.

77. **History of Dramatic Production.** Autumn. T. Th., 1:30. Two hours credit. Pardoe.

The Egyptian, Grecian, and Roman Theatre. A study of the means employed in the theatrical presentations of these periods.

78. **History of Dramatic Production.** (Oriental and Medieval.) Winter. T. Th., 1:30. Two hours credit. Pardoe.

79. **History of Dramatic Production.** (Elizabethan.) Spring. T. Th., 1:30. Two hours credit. Pardoe.

- 81p. **Dramatic Technique.** One hour credit per quarter for each recitation per week. Pardoe.

An intensive individual course in advanced interpretation. Time and fee to be arranged with instructor.

- 84p. **Public Speaking.** One hour credit per quarter for each recitation per week. Pardoe and Morley.

An intensive individual course designed for those who desire to concentrate on organization and delivery of the more advanced forms of public speech. Time and fee to be arranged with instructor.

- 87p. **Voice and Speech Improvement.** One hour credit per quarter for each recitation per week. Pardoe and Morley.

An intensive individual course designed to help the student acquire good speech habits with particular attention to development of a pleasing, well-modulated speaking voice. Time and fee to be arranged by instructor.

91. **Methods of Teaching Speech.** Spring. T. Th., 8:30. Two hours credit. Morley.

Organization of high school departments of speech. Selection of materials and methods to be employed in speech teaching.

94. **Psychology of Speech.** Autumn. M. W. F., 8:30. Three hours credit. Morley.

A study of the psychological elements of language and expression.

95. **Speech Correction.** Winter. M. W. F., 8:30. Three hours credit. Morley.

Laboratory and clinical methods for the study and correction of speech defects.

96. **Clinical Methods in Speech Correction.** Spring. M. W. F., 8:30. Three hours credit. Morley.

Study and training in the methods of diagnosis, treatment and equipment used in the modern speech clinic. Handling of actual cases will form an important part of the course. Prerequisite: Speech 95.

Graduate Courses

131. **Technique of Play Writing.** Winter. Three hours credit. Pardoe. Time to be arranged. May be taken by advanced upper division students.
132. **Technique of Play Writing.** Spring. Time to be arranged. Three hours credit. Pardoe.
The writing and producing of original plays, with emphasis upon western themes. May be taken by advanced upper division students.
- 143 or 144. **Dialect Research.** Spring. M. W. F., 9:30. Laboratory, two hours per week. Three hours credit. Pardoe. Prerequisite: Speech 42.
151. **Advanced Speech Composition.** Autumn. M. W. F., 8:30. Three hours credit. Morley.
An intensive study of the organization of advanced forms of public speaking and practical experience in their delivery. Each student will make an individual study of an eminent orator.
152. **Argument and Debate.** Winter. M. W. F., 8:30. Three hours credit. Morley.
Advanced study of principles of argument and experience in their use by applying them in a series of debates on current questions. An individual study of some phase of argument or logic will be required. Prerequisite: English 1, 2, 3, and Speech 1 and 2.
158. **Radio Broadcasting.** Autumn or Spring. M. W., 3:30. Two hours credit. Pardoe, Morley and Staff.
171. **Stage Craft.** Autumn. M. W. F., 2:30. Three hours credit. Pardoe.
172. **Play Production.** Winter. M. W. F. Three hours credit. Pardoe.
173. **Acting.** Spring. M. W. F., 2:30. Three hours credit. Pardoe.
177. **History of Dramatic Production (Ancient).** Winter. T. Th., 1:30. Two hours credit. Pardoe.
178. **History of Dramatic Production (Oriental and Medieval Theatre).** Winter. T. Th., 1:30. Two hours credit. Pardoe.
179. **History of Dramatic Production.** Includes the Elizabethan period. Spring. T. Th., 1:30. Two hours credit. Pardoe.
- 180p. **Speech Clinic.** Students may enter at any time during the year. Morley.

Corrective treatment of stuttering, stammering, lisping, oral inaccuracy, poor voice and other forms of speech and voice disorders. A thorough diagnosis will be made and treatment organized in accordance with individual needs. Time and fee to be arranged.

191. **Methods of Teaching Speech.** Spring. T. Th. Two hours credit. Morley.

194. **Psychology of Speech.** Autumn. M. W. F., 9:30. Three hours credit. Morley.

A study of the psychological elements of language and expression.

195. **Speech Correction.** Winter. M. W. F., 9:30. Three hours credit. Morley.

Laboratory and clinical methods for the study of various speech defects. An individual research problem required.

196. **Clinical Methods in Speech Correction.** Spring. M. W. F., 8:30. Three hours credit. Morley.

Study and training in the methods of diagnosis, treatment and equipment used in the modern speech clinic. Work with cases will form important part of the work. Students will make an individual study of some important clinical problem. Prerequisite: Speech 95.

200. **Thesis.** Three to five hours credit. Time to be arranged. Pardoe, Morley.

Individual research upon a problem of importance to speech. Ability to conduct experiments necessary. Subject must be submitted for work during at least three quarters.

ZOOLOGY AND ENTOMOLOGY

Professor Tanner; Doctors Cullimore, Oaks; Assistant Professors Johansen and Beck.

Students majoring in this department must complete courses 11, 18, 30, 55, 57, 59, 65, 66, 71, 72, 75, 80, 82, 83 and 94. Substitution of other courses is permitted in special cases. Students are also advised to complete two years of German and French if they contemplate doing advanced work in Zoology or Entomology.

Students who expect to study Medicine may take Zoology for their major subject and complete the courses advised or they may take the following courses. 11, 18, 55, 56, 65, 66, 70, 71, 72, and 75.

Students who desire to teach Biology in the high school should complete the following courses: 11, 18, 30, 57, 58, 59, 65, and 66; Botany 1, 2, 3, and 60; Bacteriology 21.

Facilities for the Study of Zoology and Entomology

The natural history collections consist of a very complete collection of Utah fish, amphibians, reptiles, birds, and mammals. This collection is also supplemented by the Chester Van

Buren collection of birds from Magdalena River of Colombia, the David Starr Jordan collection of fish from the Hawaiian Islands. The entomological collection contains authoritatively named specimens in all the orders of insects. The pinned insects are placed in four hundred trays, 18x19 inches in size, two inches deep. The specimens are pinned in unit boxes. The Lepidoptra collection is a very complete one of Utah and and the Great Basin region. It contains over six hundred named species and ten thousand specimens. It is made up of the famous Tom Spalding collection and the Chester Van Buren collection. The Coleoptera collection contains over six thousand determined species and forty thousand specimens. It contains a very complete collection of weevils, the Chas. W. Leng collection of 1676 species, 300 species from the Blatchley collection, and the Charles Schaeffer weevil collection, consisting of 813 species. Many types, cotype and paratype specimens are in the collections. All these collections are housed in the new fire-proof Geo. H. Brimhall Building.

ZOOLOGY

Lower Division Courses

11. General Zoology. Autumn. M. W. F., Sec. 1, 8:30; Sec. 2, 10:30; Winter. Sec. 1, M. W. F., 10:30; Spring. M. W. F., Sec. 1, 10:30; Laboratory Sec. 1, T. Th., 1:30-3:30; Sec. 2, T. Th., 3:30-5:30; Sec. 3, M. W., 1:30-3:30; Sec. 4, M. W., 3:30-5:30. Five hours credit. Tanner and Beck.

Fundamentals of structure, physiology, development, heredity, adaptations, classifications, and bearing of Biology on human life.

18. Evolution and Genetics. Winter and Spring. M. W. F., 10:30. Three hours credit. Tanner.

A course dealing in a general way with the theories and evidences of organic evolution. The laws and physical basis of heredity are studied in the light of their relationship to evolution. Prerequisite: Zoology or Botany Laboratory course.

23. Animal Ecology. Spring. M. W. F., 9:30. Three hours credit. Tanner. (Not given this year.)

The environment, natural habitats, adaptations, relationships of organisms, and distributions of species and communities will be considered.

25. General Physiology. Winter. 9:30. Three hours credit. Johansen.

A course dealing with the problems of digestion, excretion, circulation, and respiration. A course especially designed for Home Economics students.

Upper Division Courses

55. **Invertebrate Zoology.** Winter. T. Th., 8:30. Laboratory M. W., 1:30-4:30. Four hours credit. Beck.

This course is designed to follow Zoology 11, and is intended to give the students a broader knowledge of the morphology and relationship of the invertebrate groups.

56. **Comparative Anatomy.** Spring. T. Th., 8:30. Laboratory, M. W. F., 1:30-4:30. Five hours credit. Beck.

A detailed study of the comparative anatomy of the vertebrates.

57. **Vertebrate Zoology; Birds and Mammals.** Spring. M. W. F., 7:30. Three hours credit.

A course in the evolution, structure, classification, and distribution of birds and mammals with special reference to the Utah species. Prerequisite: Zoology 11. (Not given this year.)

58. **Health Education for Teachers.** Autumn, Winter, Spring. M. W., 1:30. Two hours credit. Cullimore, Oaks. (See Elementary Education 58.)

Designed especially for those who are preparing to teach in the public schools.

59. **Cold Blooded Vertebrates; Fish, Amphibians and Reptiles.** Winter. M. W. F., 8:30. Three hours credit. Tanner.

An introductory course dealing with the problems relating to the evolution, life history and classification of cold blooded vertebrates found in this region.

65. **Human Physiology.** Autumn. M. W. F., 9:30. Three hours credit.

This course is designed to give the student a working knowledge of the life processes as they function in man. Prerequisite: Zoology 11. (See Animal Husbandry 65.) (Not given this year.)

66. **Human Physiology Laboratory.** Autumn. T. Th., 1:30-4:30. Two hours credit. (Not given this year.)

70. **Histological Technique.** Winter. M. W. F., 1:30-4:30. Three hours credit. Beck.

Practical training in fixing tissues, embedding, sectioning, staining, and mounting of permanent specimens.

71. **Histology.** Autumn. M. W. F., 1:30-4:30. Three hours credit. Beck.

Microscopic study of the structure of the tissues and organs of animals.

72. **General Embryology.** Spring. T. Th., 9:30. Laboratory, W. F., 1:30-4:30. Three hours credit. Beck.

The origin and development of the organs and organ-systems of vertebrate animals, especially the chick, are studied.

73. **Aquatic Zoology.** Autumn. M. W. F., 9:30. Three hours credit. Tanner.

A general course in the study of fresh water animals of Utah Lake.

75. **History of Biology.** Winter. T. Th., 10:30. Two hours credit. Tanner.

A study of the development of biological thought from the time of the earliest writers to the present.

79. **Eugenics.** Spring. M. W. F., 10:30. Three hours credit. Beck.

The laws of natural inheritance, population problems, environment, reform, marriage and divorce, and state aid for education. Prerequisite: Some laboratory course in Zoology or Botany.

- 80, 81. **Junior Year Seminar.** 82, 83. **Senior Year.** Autumn, Winter. W., 4:30. One hour credit each quarter. Staff.

Required of all majors in this department during their junior and senior years.

85. **Fresh Water Zoology Problems.** Spring. Time and credit to be arranged. Tanner. (Not given this year.)

Special problems dealing with the Plankton, Mollusks, insects, fish, etc., of the lake. Problems will be assigned to individual students.

- 91, 92, 93. **Field Zoology.** Time and credit to be arranged. Tanner and Beck.

Students may make extensive collections of the animal life of this state or adjoining states and then make a report in the same. This course aims to give training in systematic Zoology and museum work.

Graduate Courses

- 113, 114, 115. **Research Work in Systematic Vertebrate Zoology.** Time and credit to be arranged.

- 117, 118, 119. **Zoological Research.** Time and credit to be arranged.

This course is open to all students prepared to do graduate work in any branch of zoological science.

157. **Vertebrate Zoology.** (See Course 57.)

159. **Cold Blooded Vertebrates.** (See Course 59.)

175. History of Biology. (See Course 75.)

179. Eugenics. (See 79).

200. Research. Thesis. Credit by arrangement.

This course is required of all students seeking a master's degree in this department.

ENTOMOLOGY

Lower Division Courses

30. Elementary Entomology. Autumn. M. W. F., 9:30. Three hours credit. Tanner.

This course is intended to interest students in insect life. A study of the structure, development and classification of some of the more important insects will form a basis of this course.

31. Morphology of Insects. Winter. M. W. F., 9:30; Laboratory, Th., 1:30-4:30. Four hours credit. Tanner.

It is the purpose of this course to teach the structures of insects and the importance of these structures in a systematic study of insects. A few typical insects will be thoroughly studied.

32. Insect Classification. Spring. M. W. F., 9:30; Laboratory, Th., 1:30-4:30. Four hours credit. Tanner.

Students will collect and study systematically the insect fauna of the Provo region. Prerequisite: Course 31.

34. Economic Entomology—Field, Orchard and Garden Insects. Spring. M. W. F., 10:30. Laboratory, M., 2:30-5:30. Three hours credit. Tanner.

A study of the principal injurious and beneficial insects of the field, orchard and garden. Will include field, laboratory, and bibliographic work. Prerequisite Course 30.

Upper Division Courses

61. Advanced Study of the Hymenoptera. Autumn, Winter, Spring. Three hours credit. Time to be arranged.

A morphological and systematical study of the groups of western Hymenoptera in which the student may be interested.

62. Advanced Study of the Coleoptera. Autumn, Winter, Spring. Three hours credit. Time to be arranged. Tanner.

Students may study the weevils or other Coleoptera from the systematic, morphological, or economic standpoint.

63. **Arthropods of the Intermountain States.** Spring. M. W. F., 10:30. Three hours credit. Tanner (Not given this year.)
A general course dealing with the morphology, physiology, and classification of the Arthropods of this region. An important course for all majors in Zoology.
64. **Advanced Entomology.** Winter and Spring. Time and credit to be arranged.
Open only to advanced students who are prepared to do systematic, morphological, or economic work.
94. **Principles of Nomenclature.** Winter. M., 4:30. One hour credit. Tanner.
A lecture course dealing with the principles of nomenclature and intended to meet the needs of students from any of the biological departments.
96. **Special Problems in Entomology.** Winter and Spring. Two hours credit. Time to be arranged. Tanner.
Students will be encouraged to study the internal morphology of various groups of insects.

Graduate Courses

- 102, 103, 104. **Special Problems in Systematic Entomology.** Time and credit to be arranged.
Studies in the structure and classification of certain groups of insects as Coleoptera, Diptera, Hymenoptera, etc.
- 105, 106. **Research Work in Insect Morphology.** Time and credit to be arranged.
Special emphasis will be placed upon the morphology of the beetles. However, students may choose any group for detailed study.
- 107, 108, 109. **Special Problems in Economic Entomology.** Time and credit to be arranged.
The student is here given an opportunity to make a more or less detailed study of some insect or group of insects of economic importance. Students are encouraged to do considerable life history work.
- 110, 111, 112. **History of Entomology.** A one hour lecture or seminar course required of all graduate students. Time and credit to be arranged.

Extension Division

FACULTY

FRANKLIN STEWART HARRIS, President
HARRISON R. MERRILL, Director
CARLTON CULMSEE, Secretary Extension Division, Journalism
AMOS N. MERRILL, Secondary Education
BENJAMIN F. CUMMINGS, Languages
THOMAS L. MARTIN, Agronomy and Bacteriology
WILLIAM J. SNOW, History
T. EARL PARDOE, Speech
M. WILFORD POULSON, Psychology
VASCO M. TANNER, Zoology and Entomology
HERALD R. CLARK, Finance and Banking
GERRIT DE JONG, JR., Languages
GEORGE H. HANSEN, Geology and Geography
ELMER MILLER, Economics
MILTON MARSHALL, Physics
GUY C. WILSON, Religious Education
B. F. LARSEN, Art.
FRANKLIN MADSEN, Music.
A. C. LAMBERT, Educational Administration
L. S. MORRIS, Landscape Architecture
EFFIE WARNICK, Home Economics
J. MARINUS JENSEN, English
JOSEPH SUDWEEKS, Religious Education
C. S. BOYLE, Accounting and Business Administration
WAYNE B. HALES, Physics and Mathematics
SIDNEY B. SPERRY, History
ALONZO J. MORLEY, Speech
W. P. LLOYD, Philosophy of Education
WILLIAM H. SNELL, Drawing
IDA SMOOT DUSENBERRY, Psychology
EDGAR M. JENSON, Art
H. GRANT IVINS, Animal Husbandry
BERTRAND HARRISON, Botany
ELSIE C. CARROLL, English
IRENE S. BARLOW, Home Economics
W. ELMO COFFMAN, Science and Geography.
THOMAS C. PETERSON, Secretary, Visual Instruction

O. MEREDITH WILSON, History
MRS. CHRISTEN JENSEN, English
MRS. NELLIE THORNTON, English
J. F. WAKEFIELD, Apiculture
A. A. ANDERSON, Scouting
C. J. HART, Physical Education.
EDNA CULMSEE, Office Practice.

Never before in the world's history were so many people attending college. But great as has been the increase in enrollment of resident students, it does not compare with the remarkable growth of what has come to be termed "Adult Education."

Doubtless, the growth of adult education is partly due to the necessity of people learning new things. The development of science and invention has been so rapid in recent years as literally to flood the earth with strange new devices. Old occupations have been destroyed and new ones created. There has come an amazing demand from the general population for instruction suited to its needs.

Directed Home Study

The Extension Division brings the University departments of instruction to your door. If you would study history, literature, mathematics, or practically any other subject in the University, you can now study it under expert guidance through the Home Study Bureau.

Hundreds of students are enrolled annually in courses, the instruction in which is carried on by the correspondence method. This method has the advantage of placing the student in direct touch with the instructor and allowing him to study at home at hours suited to his convenience.

Extension Division Aims

To render service to those who are unable to take advantage of the benefits of attending an educational institution, is the chief aim of the Extension Division of the Brigham Young University. To this end, correspondence courses and extension classes are offered to the public at a reasonable rate. Indeed, instruction by extension methods is more reasonable in Utah, than in the vast majority of states of the Union. Courses may be taken for credit or not.

Method of Instruction

After filing the application for enrollment and paying the fee, the student is sent the assignments of the course. He is given full instruction as to the required reading and preparation of his lesson, including questions to test his knowledge of the ground covered.

After preparing for recitation, the student does the required written work and mails it to the Extension office. This paper is criticized by the instructor, graded and returned to the student.

Each correspondence course carries credit equivalent to the corresponding courses in residence and therefore covers a definite amount of work. Most of the courses contemplate the students' preparing about five assignments for each quarter hour of credit received.

Regulations

1. No degree is offered for work done wholly in absence.
2. A student may begin at any time a course for which he is prepared, and must complete it within a year from the time he registers. He must distribute his reports with approximate evenness throughout the period of study. Each assignment is aimed to cover about a week's study in that particular subject provided the student spends about an hour a day. If he desires to send in more than two assignments a week, he should obtain permission from the instructor. Reports may be rejected if the student attempts to compress his work unduly. A student may complete not more than four credit hours in a month without special permission.
3. A student may not take correspondence work while in residence without the consent of the Dean concerned.
4. A student who does not report either by letter or lesson within a period of ninety days may thereby forfeit his right to further instruction in the course.
5. Unless otherwise stated examinations are required in all courses before credit is given. These examinations must be supervised by a responsible school official. Where it is convenient, the examination should be taken at the University.

Entrance Requirements

Registration for extension courses demands the same entrance requirements as do courses in residence. That is, matriculation for college courses presupposes sixteen units of high

school work. However, exception may be made in favor of mature students, or those who have practically completed their high school work.

Fees

The charge for correspondence courses is at the rate of \$2.50 a credit hour, except as indicated in some courses, with a minimum fee of \$5.00.

Fees will not be refunded because of inability of the student to continue a course for which he has registered. Permission to change to some other course may be given, however.

Extension Classes

The faculty of the school goes out into the communities and organizes regular classes which receive very much the same instruction as do resident students in corresponding courses. These classes are designed to meet the needs of persons who are not resident students of an educational institution. The usual procedure where such a class is desired is for the group to send to the Extension Division for an instructor.

Visual Instruction

Schools, seminaries, and other non-theatrical organizations throughout the intermountain region have access to the Bureau of Visual Instruction library of 16-millimeter motion pictures, 35-millimeter filmstrips and glass slides. Illustrative material for practically every course in the usual curriculum is available. A sound film section has recently been added to the library. During the 1937-38 school year approximately 25,000 students ranging from kindergarten to college grade, regularly viewed educational pictures from the Bureau and many hundreds of others attended occasional showings. It is commonly found that the proper use of visual aids to instruction leads to a measurable increase in learning.

Lectures and Entertainments

Members of the faculty have addressed or entertained in the neighborhood of two hundred thousand people in Utah and surrounding states during each of the past few years. These lectures and entertainments have for the most part been free except for transportation charges.

Social Service

In this department there is included miscellaneous service consisting of recreation, club programs, pageants, visual education, etc.

Publications

The Extension Division publishes from time to time circulars of general or specific interest. These circulars may be on any one of a wide number of subjects. In fact, any department of the University may have the opportunity of publishing material through this bureau as far as resources will permit.

Leadership Week

The first annual Leadership Week was held in January, 1922. Since that time it has been an annual event. In the 17th week, in 1938, the attendance represented 93 stakes of the Church. Thirty-three short courses were given. Several thousand men and women from many parts of the continent attended the departmental sessions, entertainments, and general assemblies at which leaders of thought in Church, education, and government offered information and inspiration.

CORRESPONDENCE COURSES

NOTE: Courses marked "x" are either not given in residence or do not correspond precisely to residence courses in the same subject. All other courses parallel residence courses by the same number.

Agronomy

- 21. Root Crops. Four hours credit. Martin.
- 22. Cereal Crops. Four hours credit. Martin.
- 23. Forage Crops. Four hours credit. Martin.
- 41. Soils. Three hours credit. Martin.
- 92. Bacteria in Relation to Soil Fertility. Three hours credit. Martin.
- 94. History of Agriculture. Three hours credit. Martin.
- 99. Agricultural Literature. Credit to be arranged. Martin.

Animal Husbandry

- 2. History of Breeds of Live Stock. Five hours credit. Ivins.
- 8. Practical Poultry Farming. Three hours credit. Ivins.

Art

- 14x. Commercial Art. Two hours credit. Jenson.
- 15x. Commercial Art. Two hours credit. Jenson.
- 16x. Commercial Art. Two hours credit. Jenson.
- 17x. Illustration. Two hours credit.
- 64. Water Color Painting. Two to four hours credit. Jenson. Fee \$3:50 a credit.

Bacteriology

- 21. General Bacteriology. Three hours credit. Martin.

Botany

- 3. Classification of Plants. Three or five hours credit. Harrison.
- 90. Advanced Systematic Botany. Harrison.

Accounting and Business Administration

- 1. Elementary Accounting. Five hours credit. Taylor.
- 2. Elementary Accounting. Five hours credit. Taylor.
- 14x. Commercial Art. Two hours credit. Jenson.
- 30. Commercial Geography. Five hours credit. Coffman.

- 50. Intermediate Accounting. Four hours credit. Clark.
- 51. Intermediate Accounting. Three hours credit. Clark.
- 52. Intermediate Accounting. Four hours credit. Clark.
- 61. Personnel Management. Three hours credit. Boyle.
- 62. Personnel Management. Three hours credit. Boyle.
- 63. Personnel Management. Three hours credit. Boyle.
- 64. Psychology Applied to Business. Four hours credit. Poulson.
- 74. Principles of Statistics. Three hours credit. Boyle.
- 75. Business Statistics. Two hours credit. Boyle.

Office Practice

- 11-12. Shorthand. Four or eight hours credit. Mrs. Culmsee.
- 31. Business English. Three hours credit. Mrs. Culmsee.

Drawing

- 4. Drawing. Two hours credit. Snell.
- 5. Drawing. Two hours credit. Snell. Prerequisite 4.
- 6. Drawing. Two hours credit. Snell. Prerequisite 5.
- 10. Instrumental Perspective. Two hours credit. Snell. Prerequisite 4, 5, 6, or equivalent.
- 13. Architectural Drawing. Two hours credit. Snell. Prerequisite 4, 5 and 6.
- 14. Architectural Drawing. Two hours credit. Snell. Prerequisite 13.
- 15. Architectural Drawing. Two hours credit. Snell. Prerequisite 14.

Economics

- 5. Introduction to Economics. Five hours credit. Miller.
- 6. Principles of Economics. Five hours credit. Miller. Prerequisite: Economics 5.
- 14. Economic and Financial History of United States. Three hours credit. Miller.
- 61. Labor Problems. Three hours credit. Boyle.
- 93. Economic History of Agriculture. Three hours credit. Martin.

Education

- 3. Literature for Children. Four hours credit. Dusenberry.

Educational Administration

- 5. Educational Administration. Three hours credit. Lambert.
- 50. Rural Education. Three hours credit. Merrill.
- 60x. Youth and Its Leadership. Five hours credit. Lambert.
- 81. Old and New Type Examinations. Two hours credit. Sudweeks.
- 100. Independent Readings. Two hours credit. Lambert.

Elementary Education

- 3. Literature for Children. Four hours credit. Dusenberry.
- 5. School Organization and Administration. Three hours credit. Lambert.
- 22. Hygiene and Sanitation. Three hours credit. Hayward.
- 50. Principles of Education. Four hours credit.

Philosophy of Education

- 74. Rural Sociology. Three hours credit. (See Sociology 53.)
- 86. History of Education. Three hours credit.
- 87. Methods in Character Education. Four hours credit. Lloyd.

Secondary Education

- 53. Organization and Administration. Three hours credit. A. N. Merrill.
- 55. Secondary Education in the United States. Four hours credit. A. N. Merrill.
- 95. Educational Guidance and Personnel. Three hours credit. A. N. Merrill.

English

- 1. Rhetoric and Composition. Three hours credit. Thornton.
- 2. Rhetoric and Composition. Three hours credit. Thornton. Continuation of course 1.
- 3. Rhetoric and Composition. Three hours credit. Thornton. Continuation of course 2.
- 4. Business English. Three hours credit. Mrs. Culmsee.
- 11. Advanced English Grammar. Four hours credit. Jensen.
- 16x, 17x. Survey of American Literature. Four hours credit. Mrs. Jensen.

- 20, 21, 22. Masterpieces of English Literature. Six hours credit. Carroll.
- 21x, 22x, 23x. Survey of English Literature. Nine hours credit. Mrs. Jensen.
- 44x. History and Development of the American Novel. Four hours credit. Jensen.
- 50x, 51x, 52x. Readings in World Literature. Six hours credit. Mrs. Jensen.
- 53x, 54x, 55x. Readings in World Literature. Six hours credit. Mrs. Jensen.
- 58x. The Modern Short Story. Three hours credit. Mrs. Jensen.
- 59x. Verse Writing. Two hours credit. Culmsee.
65. Recent Drama. Three hours credit. Pardoe.
- 76x. Tennyson. Three hours credit. Mrs. Jensen.
- 86-1x. The Poetry of Robert Browning. Three hours credit. Mrs. Jensen.
- 86-2x. Continuation of 86-1x. Three hours credit. Mrs. Jensen.

Finance and Banking

51. Business Finance. Four hours credit. Clark.
52. Continuation of 51. Four hours credit. Clark.
53. Money and Banking. Four hours credit. Clark.
54. Investments. Four hours credit. Clark.

Geology and Geography

1. Survey Course. Four hours credit. Hansen.
21. Weather and Climate. Four hours credit. Hales.
30. Geography of Economic Products. Five hours credit. Coffman.
80. Human Geography. Three hours credit. Hansen.

History

- 1x. History of Modern Europe, 1500-1680. Three hours credit. Snow.
- 2x. History of Modern Europe, 1680-1815. Continuation of course 1. Three hours credit. Snow.
- 3x. History of Modern Europe, 1815 to Present Time. Three hours credit. Snow.
- 10x or 11x. History of England. Three or six hours credit. Wilson.
- 18x or 51x. History of Civilization. Five hours credit. Snow.

- 20, 21, 22. American History. Nine hours credit. Jensen.
54x. Greek History. Three hours credit. Sperry.

Home Economics

- 10x. Elementary Nutrition. Two hours credit. Barlow.
80. Household Administration. Three hours credit. Warnick.

Journalism

- 2x. Newswriting. Three hours credit. Culmsee.
52x. Feature Writing. Three hours credit. Culmsee.
57. Short Story Writing. Two hours credit. Merrill.

Marketing

57. Principles of Marketing. Three hours credit.
58. Principles of Merchandising. Three hours credit.
59. Principles of Advertising. Three hours credit.

Mathematics

11. College Algebra. Five hours credit. Marshall.
12. Plane and Spherical Trigonometry. Five hours credit.
Marshall.
49. Analytic Geometry. Five hours credit. Hales.
50. Differential Calculus. Four hours credit. Hales.
51. Integral Calculus. Four hours credit. Hales.

German

- 13x. Directed German Reading. Three hours credit. Prerequisite, ten hours of German. De Jong.
57x, 58x, 59x. Directed German Reading. Three hours credit for each course. Prerequisite, fifteen hours of German. De Jong.
67x. German Composition. Three hours credit. Prerequisite, eighteen hours of German. De Jong.

French

- 3x. Directed French Reading. Three hours credit. Prerequisite, ten hours of French. Cummings.
57x, 58x, 59x. Directed French Reading. Three hours credit for

each course. Prerequisite, fifteen hours of French. Cummings.

- 67x. French Composition. Three hours credit. Prerequisite, eighteen hours of French. Cummings.

Spanish

- 13x. Directed Spanish Reading. Three hours credit. Prerequisite, ten hours of Spanish. Cummings.
- 57x, 58x, 59x. Directed Spanish Reading. Three hours credit for each course. Prerequisite, fifteen hours of Spanish. Cummings.
- 67x. Spanish Composition. Three hours credit. Prerequisite, eighteen hours of Spanish. Cummings.

Music

- 81x, 82x, 83x. History of Music. Six hours credit. Madsen.

Physical Education

94. Tests and Measurements in Physical Education. Three credit hours. Hart.

Physics

16. Descriptive Astronomy. Four hours credit. Hales.
21. Meteorology. Four hours credit. Hales.

Psychology

10. Study Habits and Mental Hygiene. Two hours credit. Poulson.
11. General Psychology. Five hours credit. Poulson.
21. Elementary Educational Psychology. Three hours credit. Dusenberry.
64. Applied Psychology. Four hours credit. Poulson.
74. Advanced Educational Psychology. Four hours credit. Poulson. Prerequisite, three hours of Elementary Psychology.

Religious Education

- 3x. Church History. Two hours credit. Wilson.
4. Literature of the Bible. Two hours credit. Merrill.
14. Genealogy. Two hours credit. Sudweeks.
19. Doctrine and Missionary Method. Two hours credit. Ivins.

20. History of Religious Propaganda. Two hours credit. Ivins.
66, 67. Old Testament History. Two or four hours credit. Martin.
77, 78, 79. Scout Leadership. Six hours credit. Anderson.

Sociology

- 11-12 or 55-56. Elementary Principles of Sociology. Six hours credit. Christensen.
53. Rural Sociology. Three hours credit.

Speech

1. Public Speaking. Three hours credit. Pardoe.
51. Advanced Public Speaking. Three hours credit. Pardoe.
72. Theory of Play Production. Three hours credit. Morley.
91. Methods of Teaching Speech. Three hours credit. Morley.
95. Speech Correction. Three hours credit. Morley.

Zoology and Entomology

20. Health Education. Three hours credit. Hayward.
32. Insect Classification. Credit to be arranged. Tanner.
32x. Apiculture. Three hours credit. Wakefield.
75. History of Zoology. Three hours credit. Tanner.
79. Eugenics. Three hours credit. Tanner.
93. Field Zoology. Credit to be arranged. Tanner.

HIGH SCHOOL COURSES

English

- d. A Study of the Types of Literature. One unit credit.

Geography

- a. Economic Geography. One unit credit. Coffman.

Mathematics

- a. High School Algebra. One unit credit. Marshall.
b. Plane Geometry. One unit credit. Coffman.
c. Second Course in Algebra. One unit credit. Marshall.
d. Solid Geometry. One-half unit credit. Marshall.

Training Schools

AMOS N. MERRILL, Acting Dean of College of Education
EDGAR M. JENSEN, Director, Training Schools

Supervisors

A. N. MERRILL, Secondary Training
EDGAR M. JENSEN, Secondary Training
A. C. LAMBERT, Secondary Training
W. H. BOYLE, Secondary Training
G. L. WOOLF, Secondary Training.
HERMESE PETERSON, Elementary Training
REUBEN D. LAW, Elementary Training

Secondary School Faculty

G. L. WOOLF, Principal, French, Civics, Theology
C. LAVOIR JENSEN, Mathematics
W. ELMO COFFMAN, Geography and Physics
HUGH W. PETERSON, Science
STELLA P. RICH, English, Theology
WM. H. BOYLE, Economics and Sociology
BILLIE HOLLINGSHEAD, Social Science
WILFORD D. LEE, English, Theology
THOMAS BROADBENT, German, English, Social Science, Theology
ANTONE NISSON, Science, Mathematics
EVAN CROFT, Office Practice
C. J. HART, Physical Education Critic Teacher
DAVID CROWTON, Physical Education, Coach
LEONA HOLBROOK, Music.
DEARWYN SARDONI, Music.
VERLA BIRRELL, Art
PERCIVAL BIGELOW, Shop Work
WILLIAM H. SNELL, Shop Work and Mechanical Drawing
MORRIS CLINGER, Speech
MAY BILLINGS, Sewing

Elementary School Faculty

HERMESE PETERSON, Principal
JOSEPHINE M. STRONG, Kindergarten
MAY C. HAMMOND, First Grade
LOLA C. JENSEN, Second Grade
FLORA FISHER, Third Grade
GLADYS KOTTER, Fourth Grade
GEORGIA MAESER, Fifth Grade
L. ELLIOTT TUTTLE, Sixth Grade

ORGANIZATION AND PURPOSE

The Training Schools are organized on a kindergarten 6-3-3 basis; viz: a kindergarten, an elementary division, a junior and a senior high school.

Students enrolled in the training schools have all the advantages of the University plant such as the use of the libraries, gymnasiums, laboratories, shops, athletic fields, auditorium, etc. These enlarged opportunities, with the advantages of expert teachers, make the training schools especially attractive and advantageous to students of elementary and high school age.

Provisions are made for promotions from grade to grade and from one division to another so that pupils may enter either the kindergarten or first grade and remain in continuous attendance until they are graduated from one of the colleges of the University. The educational welfare of the students is safeguarded by an enriched curriculum. In addition, provisions are made for moral and religious training every year the student is in attendance.

ELEMENTARY TRAINING SCHOOL

The elementary training school covers the range from the kindergarten through the first six grades.

The enrollment in this department is limited to the number of pupils who can be adequately cared for in each grade. Priority of application is the basis upon which students are enrolled.

A staff of especially well-qualified instructors, with the facilities offered by the university and the assistance given by student teachers and special instructors provides wide range of experience for the children. Much attention is given to individual needs and interests and to the development of special abilities. The aim is to exhibit as completely as possible a pattern of a modern progressive school in action.

This department serves as a laboratory in modern school practice for the training of student teachers in the field of elementary education, and for the testing of current educational theory.

JUNIOR HIGH SCHOOL

Pupils completing the first six grades are regularly promoted to the Junior High School. Here departmentalization begins, permitting of variation in courses and a wide range of contact with expert instructors. Entrance to the Senior High School is based upon the completion of the courses outlined for the Junior High School. A maximum of four units plus one year of Theology credit will be allowed for ninth year work to count toward filling group requirements and toward graduation from the Senior High School for those pupils coming from schools which do not maintain a Junior High School.

SENIOR HIGH SCHOOL

Students will be graduated from the Senior High School upon completion of twelve units of work in the Senior High School. These twelve units of work with the exception of algebra and foreign languages, must be secured in Senior High School and must include all the constants prescribed.

AIMS AND REGULATIONS

It is the purpose of the high school to develop in its students, habits of regularity, punctuality and industry. Willing and serious application to the tasks at hand is considered of fundamental importance in meeting life situations. It is the aim of the school to have students work vigorously during the day in order to develop the above qualities and to minimize home preparation of lessons. To achieve these aims, the following regulations apply to those enrolled:

(1) Students are accountable to the school for all their time during the school day, except the noon hour, from 8:30 A. M. until 3:30 in the afternoon, provided no classes are held after that time. Permission should be obtained from the principal and teachers in case students are required to leave the school at any time during the day. Such permission should be obtained prior to departure. Attendance at study sessions is as obligatory upon the student as are class recitations.

(2) All L. D. S. students are required to register for Theology. Students who fail continually to do satisfactory work in their courses in any department will not be permitted to remain in classes.

(3) Students are required to take the regulation courses in physical education during residence at this school. Students are released from this requirement only upon statement of physical disability signed by a competent physician. Satisfactory grades in physical education courses are required for graduation.

High School Activities

Under the direction of the faculty and the student body organization, an adequate program of athletic and social activities is provided for the junior and senior high school students.

All high school groups have regular social gatherings and recreational activities under faculty supervision and guidance. They have competitive activities in athletics, debating and public speaking, and essay writing. Each year the school produces a dramatic or a musical program. The school is a member of the State High School Debating Association and the Utah High School Athletic Association. In addition to these opportunities for extra-curricular activity a regular High School Student Body organization is maintained with the various activities that naturally are sponsored by such organizations. The high school students have also the advantage of participation in the regular activities of the University student body life.

Credit

Those classes which require outside preparation which meet five days each week for full fifty minutes, and which continue for the full school year of 36 weeks of actual class work carry one unit of credit. In some cases students may transfer nine hours college credit for one unit of high school credit.

Students who register late or who discontinue before the end of the school year or miss a portion of their work during the school year can receive no higher grade than "Incomplete" until the required work of the course is completed. An incomplete grade carries no credit. Such a grade may be removed within one year and credit received.

SECONDARY TRAINING SCHOOL CURRICULUM

Junior High School

7th Grade

Subjects

Constants: Religion Class Physical Education, English I, Geography, Mathematics I, Music, Reading, Domestic Science and Art, and Study Periods.

Electives: Art, Orchestra.

8th Grade Subjects

Constants: Religion Class, Physical Education, English II, General Science, History, Mathematics II, Music, Reading, and Study Periods.

Electives: Art, Orchestra.

9th Grade Subjects

Constants: Religion Class, Physical Education, English, Biology, Community Civics.

Electives: Art, Algebra, Chorus, Domestic Science, Domestic Art, Orchestra, Shop, and Theory of Music.

Senior High School

Students desiring to graduate from the B. Y. U. High School and to qualify for college entrance at the same time, are required to register for the following courses:

Grade X. English B, Theology B, Physical Education.

Grade XI. English C,* Theology C, Physical Education.

Grade XII. Sociology and Economics, Theology D, Physical Education.

Sometime during Senior High School: Algebra (unless taken in grade IX) or Geometry, American History or European History, Physics or Chemistry.

Special courses may be planned for those high school students who do not intend to be officially graduated from high school or who do not intend to go to college.

Senior High School Courses

Subject	Days		Year Taken	Credit
Art				
Art	2	Elective	10 to 12	½ unit
Business				
Accounting-Elem.	5	Elective	10 to 12	1 unit
Accounting-Adv.	5	Elective	11 to 12	1 unit
Shorthand	5	Elective	11 to 12	1 unit
Typewriting, Elem.	5	Elective	10 to 12	½ unit
Typewriting, Adv.	5	Elective	10 to 12	½ unit

*Under special conditions approved by the principal, English D may be substituted for English C.

Subject	Days		Year Taken	Credit
English				
Composition, Literature and Grammar	5	Constant	11	1 unit
Grammar and Literature	5	Constant	10	1 unit
Literature	5	Elective	10 to 12	1 unit
Home Economics				
Dressmaking	5	Elective	10 to 12	$\frac{1}{4}$ unit
Homemaking	5	Elective	10 to 12	$\frac{1}{2}$ unit
Language				
French A or B	5	Elective	10 to 12	1 unit
Latin A	5	Elective	10 to 12	1 unit
German A or B	5	Elective	10 to 12	1 unit
Mathematics				
Algebra*	5	Elective	10 to 12	1 unit
Geometry*	5	Elective	10 to 12	1 unit
Arithmetic (Bus.)	5	Elective	10 to 12	1 unit
Music				
Chorus	4	Elective	10 to 12	$\frac{1}{4}$ unit
Orchestra	3	Elective	10 to 12	$\frac{1}{4}$ unit
Theory of Music	3	Elective	10 to 12	$\frac{1}{4}$ unit
Physical Education				
Physical Ed. (Girls)		Constant	9 to 12	$\frac{1}{4}$ unit
Physical Ed. (Boys)		Constant	9 to 12	$\frac{1}{4}$ unit
Religious Education				
Theology B	3	Constant	10	$\frac{1}{2}$ unit
Theology C	3	Constant	11	$\frac{1}{2}$ unit
Theology D	3	Constant	12	$\frac{1}{2}$ unit
Science				
Physics*	5	Elective	10 to 12	1 unit
Physiology (1 sem.)	5	Elective	10 to 12	$\frac{1}{2}$ unit
Chemistry*	5	Elective	10 to 12	1 unit
Botany (1 sem.)	5	Elective	10 to 12	$\frac{1}{2}$ unit
Shop				
Auto Mechanics	5	Elective	10 to 12	$\frac{1}{2}$ unit
Drafting A or B	5	Elective	10 to 12	$\frac{1}{2}$ unit
Woodwork A or B	5	Elective	10 to 12	$\frac{1}{2}$ unit

*These subjects are only partially elective as either one or the other in each group must be taken.

Subject	Days		Year Taken	Credit
Social Science				
American History*	5	Elective	10 to 12	1 unit
European History*	5	Elective	10 to 12	1 unit
Economics and Sociology	5	Constant	10 to 12	1 unit
Geography	5	Elective	10 to 12	1 unit
Psychology (each sem.)	5	Elective	10 to 12	½ unit
Speech				
Dramatic Art	5	Elective	10 to 12	½ unit
Public Speaking	5	Elective	10 to 12	½ unit

*These subjects are only partially elective as either one or the other in each group must be taken.

Graduates 1937-38

MASTER DEGREES

Master of Arts

- DIXON, HOWARD BANKSProvo
 A. B. Degree, Brigham Young University, 1936.
 Major: Geology.
 Thesis: The Building and Monumental Stones of the State of Utah.
- JARVIS, GEORGE ALBERTSt. George
 A. B. Degree, Brigham Young University, 1937.
 Major: Physics.
 Thesis: Subsidence in the Earth's Atmosphere Accompanying the Anti-Cyclone Over the United States, November 20-25, 1937.
- MARTINEAU, JUNEPocatello, Idaho
 A. B. Degree, Brigham Young University, 1937.
 Major: English.
 Thesis: Intellectual and Emotional Conflicts in the Poetry of Matthew Arnold.
- RICHARDSON, EDMUND ARLOProvo
 A. B. Degree, Brigham Young University, 1936.
 Major: Physics.
 Thesis: Reliability of Various Film Speed Ratings in Determining Correct Exposure.
- SORENSEN, ALLEN B.Ogden
 A. B. Degree, Brigham Young University, 1935.
 Major: English.
 Thesis: Some Observations on the Grammar in Sir Thomas Elyot's "The Castel of Helth."
- SWENSON, ALBERT DONALDProvo
 A. B. Degree, Brigham Young University, 1937.
 Major: Chemistry.
 Thesis: Studies on the Citric Acid Fermentation.

Master of Science

- BUTT, NEWBERN ISAACProvo
 B. S. Degree, Utah State Agricultural College, 1915.
 Major: Agronomy.
 Thesis: The Soil Factor in Early Mormon Colonization.
- DEAN, HARRY ARNOLDEphraim
 B. S. Degree, Brigham Young University, 1933.
 Major: Theory of Music.
 Thesis: A. C. Smyth and His Influence Upon the Music of Central Utah.

- EAGAR, DAVID R.Mammoth
 B. S. Degree, Brigham Young University, 1925.
 Major: Education.
 Thesis: Distribution and Status of 334 Graduates of the
 Tintic High School, Utah.
- JONES, EL ROYPrice
 B. S. Degree, Brigham Young University, 1936.
 Major: Education.
 Thesis: Utilization of Instructional Space in Secondary
 School Buildings in Certain Districts in Utah.
- LAMBERT, THERONRoosevelt
 B. S. Degree, Brigham Young University, 1936.
 Major: Physics.
 Thesis: Factors That Influence the Fading of Radio
 Signals from Broadcasting Stations.
- MERRILL, VERNON NEWLOVEPrice
 B. S. Degree, Brigham Young University, 1929.
 Major: Education.
 Thesis: The Present Status of First Aid in the Utah High
 Schools and a Suggested Course of Study for Its Further
 Advancement.
- PERKINS, C. BLAINEPrice
 B. S. Degree, Brigham Young University, 1937.
 Major: Economics.
 Thesis: Changes in School Revenue and in the Amounts
 of Money Devoted to Teachers' Salaries and Capital
 Outlay and Debt Service in Utah School Districts from
 1926 to 1937.
- PETERSEN, H. LESTERRexburg, Idaho
 B. S. Degree, University of Utah, 1930.
 Major: Religious Education.
 Thesis: "The Magnitude of the Fast Offerings Paid in
 the Stakes of the Church of Jesus Christ of Latter-day
 Saints, 1916-1936 Inclusive."
- PETERSON, L. ELMEROgden
 B. S. Degree, Brigham Young University, 1930.
 Major: Religious Education.
 Thesis: The Character of Joseph Smith as Revealed in
 His Daily Journal.
- STEVENS, G. SYLVANProvo
 B. S. Degree, Brigham Young University, 1935.
 Major: Bacteriology.
 Thesis: Associative and Antagonistic Action of Some
 Soil Fungi.
- STOKES, WILLIAM LEECleveland
 B. S. Degree, Brigham Young University, 1937.
 Major: Geology.
 Thesis: Lithology and Stratigraphy of the Red Plateau,
 Emery County, Utah.

VEST, H. GRANT American Fork
 B. S. Degree, Brigham Young University, 1933.
 Major: Religious Education.
 Thesis: The Problem of Isaiah in the Book of Mormon.

BACHELOR DEGREE

COLLEGE OF APPLIED SCIENCE

A. B. Degree

Buggert, Anneliese Flora Provo
 Cannon, Jean Grant Salt Lake City
 Morris, Rachel B. Provo
 Smeath, George H. Salt Lake City

B. S. Degree

Allred, Aaron Fullmer Lehi
 Ashby, Bonna American Fork
 Bahr, A. Francis Provo
 Beck, Jennie Monroe
 Cooper, Garnet Green McCammon, Idaho
 Dennis, Elvin J. Roosevelt
 Dunford, G. Osmond Paris, Idaho
 Eyring, Jeneveve Pima, Arizona
 Fietkau, L. Ross Boneta
 Finlayson, Lela Provo
 Garner, Hazel A. Ogden
 Gillespie, Gerald C. Tooele
 Hacking, Lola Cedar Valley
 Hacking, Maurine Cedar Valley
 Hales, Belle Wilson Provo
 Harris, Charles D. Pleasant Grove
 Harston, Clarence B. Cowley, Wyoming
 Holdaway, Clyde Amos Provo
 Kjar, Maurine Manti
 Marchant, Moroni A. Peoa
 Martin, James Paxman Provo
 Maxwell, Lin V. Eagar, Arizona
 Menzies, Lila Provo
 Moon, Dora Hanna
 Nance, Lu Dema Idaho Falls, Idaho
 Oldroyd, Golden Chas. Fountain Green
 Olsen, Anna Provo
 Olsen, Dean E. Provo
 Palfreyman, Warwick C. Springville
 Pierce, Myrle Stillman Salt Lake City
 Powelson, Fred D. Provo
 Rogers, Beatrice Snowflake, Arizona
 Russell, Louise Springville
 Starley, Rae Delta

Stucki, J. Wendell	Paris, Idaho
Wadley, Lucy Mary	Pleasant Grove
White, Nina	Pleasant Grove

COLLEGE OF ARTS AND SCIENCES

A. B. Degree

Alder, Ralph J.	Provo
Allred, Kenneth Rulon	Cardston, Alberta, Canada
Anderson, Stephen Dwight	Richfield
Barney, Florence	Safford, Arizona
Bee, James William	Provo
Blumell, Richard Emerson	Magrath, Alberta, Canada
Bown, M. Duane	Provo
Christensen, Horace Jones	Provo
Cummings, Richard F.	Provo
Dabb, Ralph Francis	Harrisville
Davis, Chester G.	Troy, Ohio
Decker, Freda S.	Snowflake, Arizona
Galway, Desma Hall	Panaca, Nevada
Hales, James Vern	Provo
Hamblin, Lawson	Greenbelt, Maryland
Hoover, Roland Lamar	Park City
Johnson, Steve B.	Marysville
Kelly, Ralph Sanford	St. Anthony, Idaho
Krueger, Beth Marie	Spanish Fork
Larsen, Herbert Ray	Heyburn, Idaho
Larsen, Ronald F.	Provo
LeBeau, Boneta E.	Roosevelt
Lee, Harold W.	Cardston, Alberta, Canada
Miller, A. Woodruff	St. Anthony, Idaho
Miner, Delbert Lamar	Provo
Miner, Harriett	Springville
Pace, Joseph Leon	Provo
Pace, Pauline	Boneta
Partridge, Louise Richards	New York, New York
Perry, Rolland	Provo
Peterson, Narvin Wayne	Hill Spring, Alberta, Canada
Robertson, James Allen	Spanish Fork
Royle, Homer F.	Lehi
Rupper, John Heber	Provo
Smith, Oliver Rollin	Palmyra, New York
Stoker, Florence	Spanish Fork
Strebel, George L.	Provo
Westover, Maxine	American Fork
Wheelwright, Max	Ogden
Winterton, LaPreal	Provo
Youkstetter, Pearl Irene	Huntington Park, California

GRADUATES

221

B. S. Degree

Aldrich, Clair M.	Mount Pleasant
Allred, Charles McKay	Provo
Anderson, Jesse Ivan	Junction
Bailey, Thell A.	Sanford, Colorado
Bartholomew, Glenn Levi	Ephraim
Bartholomew, Virga	Springville
Cowley, Jessie	Venice
Giddings, Crandall B.	American Fork
Hanchett, Hughes Byron	Provo
Hansen, Theresa Mary	Provo
Heiner, H. Bartley	McKinnon, Wyoming
Henderson, Erwin C.	Provo
Hodgson, Roland	Newdale, Idaho
Holman, Lenna	Manassa, Colorado
Hutchings, Brian LaMar	Midvale
Jacob, Miltin E.	Provo
Jensen, J. Seymour	Mount Pleasant
Lambert, Carlyle Ballif	Provo
Lees, Thelma Irene	Los Angeles, California
McKenzie, William Howard	Springville
Moe, Edward Owen	Provo
Mower, Harold Jerome	Provo
Nelson, Leona Ruby	Elberta
Olsen, H. Lowell	Provo
Olsen, Sterling Robertson	Spanish Fork
Redd, Shirley	Provo
Reid, Ray Lorenzo	St. George
Sorenson, Ferril M.	Spring City
Staker, Flossie R.	Mount Pleasant
Thomas, Rex T.	Provo
Way, John Willis	Ogden
Woodruff, Alice Ruth	Salt Lake City

COLLEGE OF COMMERCE

A. B. Degree

Boyack, Dean C.	Delta
Hart, Eldon Charles	Ogden
Holt, Grant Robert	Provo
Lewis, John Dean	Provo
Neville, Sherrill W.	Salt Lake City
Pierce, Merlin Done	El Paso, Texas
Smith, Hyrum Jenkins	Salt Lake City
Soffe, Darrel David	Sandy
Stevens, Orin Richard	Provo

B. S. Degree

Anderson, Loren Glade	Spanish Fork
Arnold, Oscar Frost	Coalville

Aycock, Mulford H.	Vernal
Bowen, Mark David	Spanish Fork
Bowen, Wayne Larsen	Spanish Fork
Boyack, Bert Albert	Spanish Fork
Cahoon, ReRaunz Alder	Leavitt, Alberta, Canada
Callan, Mary	Preston, Idaho
Canning, Alfred	Midvale
Cloward, R. Dell	Monroe
Crandall, Sterling M.	Springville
Crosby, Samuel Wallace	St. George
Earl, Grant Clarence	Ogden
Fugal, Neil Y.	Pleasant Grove
Gardner, Evan Glazier	Delta
Gardner, Wallace Henry	Spanish Fork
Gay, Grant Venoy	Joseph
Griffith, Elmer	Midvale
Gulbrandson, William N.	Huntington Park, California
Gurney, J. Ferrin	Provo
Hacking, Leo Edwin	Vernal
Howe, William S.	Provo
Huber, Robert E.	Payson
Hughes, Reed Gardner	Spanish Fork
Kocherhans, Lavor Perry	Provo
Lambert, James Everard	Provo
Larsen, Harold S.	Sandy
Lundquist, Earl B.	Ogden
May, Chester Harris	Rupert, Idaho
McEwan, Joseph Woodruff	Salt Lake City
Miner, Fred Reid	Magna
Mower, Orson W.	Ogden
Newey, Ernest Newton	Ogden
Olson, C. Garth	Payson
Peterson, Dean Andrew	Mount Pleasant
Peterson, Thomas C.	Provo
Pickup, Clair B.	Vernal
Rich, Lewis Rawle	Morgan
Rigby, Avard A.	Hinckley
Schofield, Jay D.	New York, New York
Snow, Gordon Whittaker	Provo
Swenson, Frank Isaac	Spanish Fork
Van Wagenen, Dean Eugene	Provo
Whitaker, George W.	Provo

COLLEGE OF EDUCATION

A. B. Degree

Gibb, Rulon	Magrath, Alberta, Canada
Marsh, Edith	Alpine City
Peterson, Leland Dean	Hill Spring, Alberta, Canada
Wilske, Emil	American Falls, Idaho

B. S. Degree

Adams, Delilah Booth.....	Provo
Alleman, Jane	Springville
Anderson, Mark Kermit.....	Junction
Ballard, Virgil.....	Victor, Idaho
Beck, Woodrow Wilson.....	Centerfield
Beckstead, Oral Alice.....	Midvale
Black, Gus Porter.....	Salt Lake City
Brandley, Helen Bertha.....	Stirling, Alberta, Canada
Brimhall, Elaine.....	Huntington Park, California
Brown, Joseph Jerome.....	Payson
Carling, Otis G.	Fillmore
Chadwick, Laura	Ogden
Christensen, Rex Lorenzo.....	Ephraim
Clark, Lynn Osborn.....	Lynn
Clarke, Alva John.....	Magrath, Alberta, Canada
Collins, Eldred Reed.....	Provo
Colvin, Orlin G.	Short Creek, Arizona
Cooper, Mary Leone.....	Pleasant Grove
Cope, Melba	Richfield
Cox, LaRue.....	St. George
Crowton, David MacGillivray.....	Provo
Dowdle, Robert Max.....	Springville
Edmunds, Esther O.	Provo
Ekloff, Genevieve S.	Eureka
Farnes, June Pearl.....	Twin Bridges, Montana
Fuller, Livonia W.	Mount Pleasant
Golding, Lawrence Branch	Price
Gourley, George.....	Pleasant Grove
Greenwood, Ella Irene.....	Sandy
Greer, Grant	Wallsburg
Hicken, Orson Beck.....	Heber City
Hilton, Sadie Effie.....	Rexburg, Idaho
Hinchcliff, Mary	Ogden
Hodson, Afton	Provo
Hodson, Elcee Law.....	Delta
Jackson, Norma	Provo
Jensen, Ray Oliver.....	Manassa, Colorado
Johnson, LaVell F.	Provo
Johnston, Helen Marbra.....	Provo
Jones, Andrew J.	Tabiona
Jones, Sara.....	Malad City, Idaho
Jorgenson, Everett Mylo.....	Peoa
Kump, LaVar	Provo
Langston, Grant	Rockville
Larsen, Celia G.	Provo
Lloyd, Vaughn	Riverton

Lodge, Patricia	Tooele
Markham, Mae	Spanish Fork
McCullough, Barbara Wilmetta.....	Ouray, Colorado
McDougal, James Lorin.....	Campbellsport, Wisconsin
Mines, Herman Gayle.....	Murray
Mitchell, L. William.....	Provo
Montgomery, Linnie Louise.....	Corpus Christi, Texas
Morgan, Ralph John.....	Spanish Fork
Murphy, Thelma Sanderson.....	Provo
Murri, Lois Elda.....	St. Anthony, Idaho
Olsen, Crista.....	Spanish Fork
Peacock, Weltha	Ogden
Peterson, Josephine P.	Mount Pleasant
Prior, David.....	Spanish Fork
Rasband, Lincoln A.....	Heber City
Rasmussen, Verda.....	Mount Pleasant
Rasmusson, Audrey Jane.....	Provo
Riska, W. Drews.....	Sandy
Roberts, Melvin John.....	Rupert, Idaho
Rollins, J. Leslie.....	Lyman, Wyoming
Rowe, Paul William.....	McCammon, Idaho
Shanks, Ednal.....	Wells, Nevada
Sharp, George Ariel.....	Murray
Simmons, Donald M.	Payson
Smith, Ada	Springville
Smith, LeRoy W.	Pleasant Grove
Smyth, Alice.....	Fountain Green
Soderquist, Oscar E.	Ferron
Soffe, Wayne	Midvale
Spalding, Alta June.....	Provo
Stewart, Loris Wayne.....	Provo
Stout, Helen Beth.....	Moab
Strickler, Fredonna H.	Ogden
Sutton, Helen Kathleen.....	Provo
Sutton, Virginia Frances.....	Provo
Tea, LeGrande	Riverton
Thaxton, Olive	Riverton
Thomas, Dan	Ogden
Thursby, Zada Vear.....	Ephraim
Todd, Alice.....	Denver, Colorado
Tuttle, Lawrence Elliott.....	Provo
Wakefield, G. Bruce.....	Salt Lake City
Walsh, Reed H.	Farmington
Wangsgard, Shirlie	Ogden
Wall, Jason Alonzo.....	Payson
Warner, Meldon Newell.....	Fillmore
Waspe, Ileen Ann.....	Salt Lake City
Watts, Stanley Howard.....	Murray
Wight, David Osborn.....	Provo
Wrathall, Irene	Grantsville

COLLEGE OF FINE ARTS

A. B. Degree

Alsop, Harold Deane.....	Murray
Anderson, Ted Leon.....	Ephraim
Anderson, Rae.....	Mount Pleasant
Barton, Louise.....	Mount Pleasant
Clark, Harry William, Jr.	Helper
Eddington, Roslyn Anne.....	Springville
Gardner, Merline.....	American Fork
Gleason, Nadine	Hiawatha
Hardy, Jean Lenore.....	Great Falls, Montana
Hennefer, Jay Fisher.....	Layton
Horr, Ruth L.	Grand Junction, Colorado
Isbell, Dean J.	Richfield
Jacobs, Madge Arnold.....	Provo
Kirkham, Ralph Nathen.....	Provo
Murdock, Maurine	Provo
Newcomer, Vincent K.	Morgan
Olsen, Georgia	Fairview
Powell, Verdi Taylor.....	Ogden
Rawlinson, Charles Harvey.....	Delta
Riggs, Mary Veon.....	Vernon, Arizona
Rogers, Carleton Wayne.....	Garland
Sorensen, Bill Howard.....	Sandy
Sorenson, Sam Anders.....	Springville
Taylor, Nolan Riley.....	Ogden
Terry, Luther Lafayette.....	Provo
Wall, Ruth Almina.....	Randlett
Weight, Newell Bryan.....	Springville
Wilson, Marian	Ogden

B. S. Degree

Britsch, Florence Todd.....	Provo
Davis, Vern Lee.....	Springville
Eitel, Leona	Ely, Nevada
Germer, Max	Deweyville
Hinckley, Ramona.....	Chicago, Illinois
Summers, Georgia Willis.....	Silver City

THREE YEAR NORMAL DIPLOMAS

College of Education

Anderson, Gertrude	Lehi
Anderson, Sylva Hope.....	Richfield
Anderson, Zola.....	Oak City
Bagley, Beth	Kooshareem
Beach, Fern	Ferron
Beck, Margie	Centerfield

Benson, Hildreth	Parowan
Brian, Emma	Fremont
Brotherson, Thelma	Moroni
Brown, Mildred	Ogden
Brown, Vincent McEwan.....	Provo
Chamberlain, Hugh	Orderville
Christensen, TreVor	Ephraim
Christiansen, Madge	Elsinore
Coffin, Carma.....	St. Anthony, Idaho
Cooley, Jane.....	Salt Lake City
Curtis, Elda Ruth.....	Aurora
Day, Oneta Petersen.....	Pleasant Grove
Devey, Helen.....	American Fork
Gardner, Nita.....	Spanish Fork
Hacking, Florence Jane.....	Vernal
Haws, J. C.	Escalante
Hyland, Bernice	Hooper
Jensen, Helen A.	Manti
Johnson, Ethel	Ephraim
Johnson, Zola	Huntington
Jones, Dessie Emma.....	St. George
Jorgensen, Calva.....	Leota
Knudsen, Leola	Provo
Laye, Rhoda	Richfield
Luce, Willard Roy.....	Price
Lund, Hazel	Ephraim
Madsen, Thelma.....	Heber City
Marchant, Erma	Peoa
Marchant, Mary	Peoa
Mathis, Fae.....	New Harmony
McIntosh, Fern Florence.....	Mount Pleasant
Miller, George Lewis.....	Tremonton
Moffitt, Melba	Orangeville
Moody, Virginia.....	St. George
Moon, Marjorie	Hanna
Nelson, Marion	Springville
Nelson, Maurine	Springville
Newell, Clark	Mona
Peacock, Max J.	Orangeville
Prince, Virginia.....	St. George
Sampson, Stella	Delta
Skeem, Inez	Oasis
Snarr, Thelma	Murray
Sorensen, Dorothy	Manti
Spendlove, Viva	Hurricane
Tuft, Beth	Monroe
Wilkins, Madelyn.....	Mountain Home
Willardson, Pearl	Ephraim
Witbeck, Olive E.	Roosevelt
Wycherly, Gaylen Loyd.....	Hiawatha

GRADUATES WITH HIGH HONORS

Bartholomew, Vergie	LeBeau, Bonita
Bown, M. Duane	Lee, Harold W.
Buggert, Anneliese	Martin, James P.
Christensen, Horace J.	Moe, Edward O.
Decker Freda	Olsen, H. Lowell
Dowdle, Robert Max	Perry, Rolland
Garner, Hazel A.	Sharp, George A.
Giddings, Crandall	Starley, Rae
Hales, James Vern	Waspe, Ileen A.
Horr, Ruth L.	Winterton, LaPreal

GRADUATES WITH HONORS

Anderson, Mark K.	Krueger, Beth
Ashby, Bonna	Langston, Grant
Ballard, Virgil	Larsen, Celie G.
Black, Gus	Menzies, Lila
Blumell, Richard E.	Murdock, Maurine
Brimhall, Elaine	Newcomer, Vincent
Greenwood, Ella	Palfreyman, Warwick
Harston, Clarence B.	Wadley, Lucy M.
Henderson, Erwin	Weight, Newell B.
Hutchings, Brian L.	

Enrollment of Students

1936-37

In the following list "A" stands for arts and science; "ap" for applied science; "C" for commerce; "e" for education; "fa" for fine arts; "G" for graduate; "ss" for summer school; "S" for senior; "J" for junior; "So" for sophomore; "F" for freshman; "Un" for unmatriculated; and "Sp" for special.

Abbott, Myron Lane, ap-So.....	Hinckley	Allred, Kenneth Rulon, ss.....	
Acord, Irma, e-ss	Provo	.....Cardston, Alta., Canada	
Adams, Buyle Hibbert, G-ss.....	Parowan	Allred, Loa, ss.....	Spring City
Adams, Carolyn, A-F.....	Spanish Fork	Allred, Lulu Cram, ss.....	Delta
Adams, Claude, G-ss.....	Panguitch	Allred, Lydia, e-J.....	Provo
Adams, Delilah Booth, e-Sp.....	Provo	Allred, Mark E., e-J.....	Lehi
Adams, Dezzie, C-so.....	Pleasant Grove	Allred, R. Clay, ap-Sp.....	Salt Lake City
Adams, Garda, e-Sp.....	Blanding	Allred, Sheldon S., ss.....	Mt. Pleasant
Adams, Helen, C-F.....	Parowan	Alson, Harold Deane, fa-S.....	Murray
Adams, Joan, fa-F.....	Pleasant Grove	Allman, Verl Phillips, C-F.....	Provo
Adams, Loraine Seegmiller, fa-So		Andelin, Aubrey Passey, C-F.....	
.....	Midvale	.....	Idaho Falls, Idaho
Adamson, Nellie R., e-ss.....		Anderson, Aleene, e-So.....	Elsinore
.....	Pleasant Grove	Anderson, Beth, e-Un.....	Springville
Ahlander, J. Fred, C-So.....	Provo	Anderson, Blaine E., ss.....	Mayfield
Albrecht, Nila, e-F.....	Fremont	Anderson, Chester C., A-So.....	
Alder, Doris, C-So.....	Provo	.....	McKinnon, Wyoming
Alder, Ralph J., A-S.....	Provo	Anderson, Clara, e-F.....	Oak City
Aldrich, Clair M., Sp.....	Mt. Pleasant	Anderson, DeVon, e-So.....	Orangeville
Alexander, Wilda Billie, C-So.....	Vernal	Anderson, Don, C-J.....	Springville
Allan, Samuel Loraine, A-S.....		Anderson, Don Howard, A-F.....	
.....	Springville	.....	Mt. Pleasant
Alldredge, Leona Ethel, ss.....		Anderson, Stephen Dwight, A-S.....	
.....	Mesa, Arizona	.....	Richfield
Alleman, Grant Edward, C-F.....		Anderson, Evan Roy, e-ss.....	Ephraim
.....	Springville	Anderson, George M., G-ss.....	Moroni
Alleman, Jane, ss.....	Springville	Anderson H. Doyle, A-F.....	Oak City
Alleman, LaRae, ap-So.....	Springville	Anderson, Hazel, fa-So.....	
Allen, Edward, e-J.....	Salt Lake City	.....	Spanish Fork
Allen, Glen, A-F.....	Provo	Anderson, Ingrid, ss.....	Blackfoot, Idaho
Allen, Glenn Lewis, A-So.....	Provo	Anderson, Jack, A-F.....	Richfield
Allen, R. Scott, A-J.....	Provo	Anderson, Jesse Ivan, A-S.....	Junction
Allen, Verle, e-J.....	Las Vegas, Nevada	Anderson, Lapriel Arlene, ap-F.....	
Allred, Aaron Fullmer, ap-S.....	Lehi	.....	Salt Lake City
Allred, Alice, A-F.....	Fountain Green	Anderson, Effie Lila, A-F.....	Provo
Allred, Anna, e-Sp.....		Anderson, B. Elwood, C-So.....	Fayette
.....	Cardston, Alta, Canada	Anderson, Evan L., A-So.....	Spanish Fork
Allred, Arline Phyllis, ss.....	Lehi	Anderson, Gertrude, e-J.....	Lehi
Allred, Beth, ap-So.....	Grand View	Anderson, Loren Glade, C-s.....	
Allred, Charles McKay, A-S.....	Provo	.....	Spanish Fork
Allred, Darwin L., e-J.....	Spring City	Anderson, Keith Phillips, A-So.....	
Allred, Douglas Anderson, ss.....		.....	Spanish Fork
.....	Cardston, Alta, Canada	Anderson, Lynn Wallace, A-J.....	
Allred, Edith Aldrich, G-ss.....		.....	Marquette, Nebraska
.....	Mt. Pleasant	Anderson, Marguerite, C-F.....	
Allred, Edra, e-Sp.....	Spring City	.....	El Paso, Texas
Allred, Elwood Byron, G.....		Anderson, Majel, e-So.....	Spanish Fork
.....	Shelley, Idaho	Anderson, Marjorie Elin, C-F.....	
Allred, Huitau, G.....	Lehi	.....	Spanish Fork
Allred, John Eldred, A-J.....	Talmage	Anderson, Mark Kermit, e-S.....	Junction
Allred, John G., A-F.....	Lehi	Anderson, Martha, ss.....	Oak City

STUDENTS

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Anderson, Mary, fa-J Manti
 Anderson, Mont Russell, e-F
 Bear River City
 Anderson, Monta Wentz, G Provo
 Anderson, Nida, e-F Brigham City
 Anderson, Norvel, A-So Park City
 Anderson, Paul E., fa-F Provo
 Anderson, Ray, ss Moroni
 Anderson, Rae, fa-S Mt. Pleasant
 Anderson, H. Reese, G-ss Mt. Pleasant
 Anderson, Renee, fa-Sp Provo
 Anderson, Ross S., C-So Mt. Pleasant
 Anderson, Sylva Hope, e-J Richfield
 Anderson, Ted Leon, fa-S Ephraim
 Anderson, Zola, e-J Oak City
 Andrews, LeGrand, fa-F
 Riverside, California
 Andrews, Robert Bruce, A-So
 Roosevelt
 Andrus, Alma, C-So Spanish Fork
 Andrus, A. Golden, G-ss
 Bancroft, Idaho
 Andrus, Grant Munday, G-ss
 Ucon, Idaho
 Andrus, A. LaMar, e-J
 Idaho Falls, Idaho
 Andrus, Wanda, e-J Salt Lake City
 Angel, Clifford Eugene, e-So
 Roanoke, Virginia
 Archibald, Keith Stallings, C-J
 Rexburg, Idaho
 Arnold, Lewis Thayne, ap-So Price
 Arnold, Oscar Frost, C-S Coalville
 Asay, LeVon, A-Sp Provo
 Ashby, Bonna Susan, ap-S
 American Fork
 Ashby, Martha, fa-Sp Spanish Fork
 Ashby, Robert Morrell, G
 American Fork
 Ashcroft, Clarcia, G-ss
 Ashcroft, Arizona
 Ashton, Lenora, e-F Provo
 Atwood, Dean Warnick, A-F
 Pleasant Grove
 Atwood, Fred Smith, ap-F
 Pleasant Grove
 Avery, McKay, C-So Venice
 Aycock, Kenneth, C-J Vernal
 Aycock, Mulford H., C-S Vernal
 Ayers, Bessie, fa-J Provo

Bagley, Beth, e-J Koosharem
 Bagley, Maida, A-J Provo
 Bahr, Albert Francis, ap-S Provo
 Bahr, Lewis LaVern, ap-F
 Idaho Falls, Idaho
 Bailey, Gwenvier, ap-F Monticello
 Bailey, Lorraine, C-So Spanish Fork
 Bailey, Thell A., A-S
 Sanford, Colorado
 Baird, Ida, C-F Heber
 Baker, Alvin Henry, G-ss Milford
 Baker, Gene LeRoy, A-Sp Springville
 Baker, Hannah, e-F Neola
 Ball, A. Elden, C-J Idaho Falls, Idaho
 Ballantyne, Gordon Tracy, A-F
 Baker, Oregon

Ballard, Dorothy, A-F Draper
 Ballard, Howard A., C-J Draper
 Ballard, Robert Henroid, A-F Draper
 Ballard, Virgil, e-S Victor, Idaho
 Balle, Bernice Hacking, G-ss Glenwood
 Balle, Harry Reed, ss Glenwood
 Balle, James Alton, G-ss Loa
 Balls, Florence Louise, C-So
 Soda Springs, Idaho
 Bandley, Louis Walter, C-Sp Provo
 Bandley, Marion Karl, C-S Provo
 Bangarter, William Grant, e-F
 Salt Lake City
 Banks, Louise, fa-F Pleasant Grove
 Barber, Voyle Bud, e-J Provo
 Barclay, Marie, C-So Blackfoot, Idaho
 Barkdull, Lura Faye, e-F
 Salt Lake City
 Barkdull, Mary, e-So Salt Lake City
 Barker, Nola, ap-Un Brigham
 Barnes, Alta Leona, ss Wellington
 Barnett, June Gilbert, fa-F
 Philadelphia, Pa.
 Barnett, Wilmer Lee, ss Spanish Fork
 Barney, Florence, A-S
 Safford, Arizona
 Barrett, Eva, G-ss Logan
 Barrett, Thom, A-J Provo
 Barrus, Virginia, e-So Tooele
 Bartholomew, Glen L., ss Ephraim
 Bartholomew, Victor, A-J Fayette
 Bartholomew, Virga, A-S Springville
 Barton, Gerald Blackett, A-J
 Springville
 Barton, June, e-F Mt. Pleasant
 Barton, Louise Emeretta, fa-S
 Mt. Pleasant
 Barton, Margaret, fa-F Carey, Idaho
 Bascom, Earl Wesley, fa-Un
 Raymond, Alberta, Canada
 Bastian, Elaine, e-F White Rocks
 Bateman, Fred Thomas, C-F
 Salt Lake City
 Bateman, James LaVar, e-F Riverton
 Bateman, June B., ap-J Rupert, Idaho
 Bateman, Max Gunn, C-J
 Salt Lake City
 Baxter, Hugh A., G-ss Springville
 Baxter, Ruth, e-So Springville
 Bayles, Morell B., A-F Parowan
 Beach, Fern, e-J Ferron
 Beagley, Arthur Wallace, C-f
 Spanish Fork
 Beal, George Leon, ss Ephraim
 Beal, Nellie Leo C-J Ephraim
 Bean, Fay Marion, C-J Provo
 Beard, Ralph Oliver, C-So Provo
 Beardall, Ronald Leslie, A-So
 Springville
 Beatty, Quentin, C-F Toquerville
 Beck, Carol Mae, e-F Payson
 Beck, Clyde, A-J Monroe
 Beck, Jennie, ap-S Monroe
 Beck, Margie, e-J Centerfield
 Beck, Sidney Marion, A-F
 American Fork

Beck, Ted Creer, A-So.....	Spanish Fork
Beck, Woodrow Wilson, e-S.....	Centerfield
Beckstead, Chad, e-J.....	Midvale
Beckstead, Oral Alice, ss.....	Midvale
Beckstrang, Evan A., A-So.....	Meadow
Beckstrand, Monte, C-So.....	Meadow
Bee, James, A-S.....	Provo
Bee, Joyce, A-F.....	Provo
Bee, June, A-F.....	Provo
Beeston, W. Boyd, A-So.....	Fillmore
Bell, George Beverly, fa-F.....	Rockport, Mo.
Bellows, Wayne F., C-F.....	Provo
Belnap, Margaret Ruth, ap-So.....	Glenns Ferry, Idaho
Bench, Rees E., G-ss.....	Provo
Bennett, Helen, ap-F.....	Provo
Bennet, Leora, C-Sp.....	Holden
Bennett, Vance Wilson, A-J.....	Meadow
Bennion, Barbara, C-F.....	Salt Lake City
Bennion, Bernard Neville, A-So.....	Butte, Alberta, Canada
Benson, Hildreth, e-J.....	Parowan
Benson, Iva Jones, C-Sp.....	Provo
Benson, Scott Conrad, fa-J.....	Gentry, Arkansas
Benson, Stanton Floyd, C-F.....	Moreland, Idaho
Benson, Virginia, C-Sp.....	Ioka
Bergesen, Rosemane, e-F.....	Silverton, Colorado
Bergstrom, Jared E., G.....	Eureka
Berlin, Mildred, ss.....	Blackfoot, Idaho
Berlin, Ruth, e-J.....	Ogden
Berrett, Caroline K., ss.....	Duchesne
Berrett, Golden L., G-ss.....	Duchesne
Berrett, Lyman C., ap-So.....	Union
Berrett, Veda, ss.....	Ogden
Berry, Arda, ap-F.....	LeGrande, Oregon
Berry, Ruth Mildred, G-ss.....	Provo
Berry, Willis Edward, A-F.....	Park City
Bertelsen, Marie Emily, fa-F.....	Marysville
Bertin, James Conrad, C-F.....	Provo
Bertoncelly, Molly Frances, ss.....	Big Sandy, Wyoming
Best, Stanley Earl, G-ss.....	Kamas
Betts, Kathryn, ss.....	Payson
Beyler, VeLoy, e-So.....	Malta, Idaho
Bezzant, Theda, ap-F.....	Pleasant Grove
Bigelow, Percival, A-Sp.....	Provo
Biddulph, Lowell George, G.....	Provo
Biddulph, Merrill, A-So.....	Provo
Biddulph, Reed, G.....	Provo
Biddulph, Ruth Hobson, G-ss.....	Provo
Bigelow, LaVell M., A-J.....	Provo
Bigelow, Lowell, C-F.....	Provo
Bigelow, Margaret, fa-Sp.....	Provo
Bingham, Bliss, e-So.....	Payson
Bingham, Earl Mark, A-F.....	Vernal
Bingham, Heber Glenn, ap-So.....	Weston, Idaho
Bingham, Kathryn, A-So.....	Weston, Idaho
Bingham Ruth, A-F.....	Weston, Idaho
Binks, Sara Marie, fa-So.....	Springville
Bird, Forest Winslow, A-J.....	Sheridan, Wyoming
Bird, George Ray, C-J.....	Springville
Bird, Hazel, A-F.....	Provo
Bird, Howard A., G-ss.....	Springville
Bird, J. Martell, C-So.....	Provo
Bird, Martha, fa-So.....	Provo
Bird, Robert Freeman, ap-J.....	Mapleton
Bjerregaard, Maxine, A-F.....	Provo
Black, Evelyn, e-So.....	Ferron
Black, George Karl, C-J.....	Provo
Black, Guss Porter, e-S.....	Salt Lake City
Black, Karl George, ss.....	Provo
Black, Mary, G-ss.....	Delta
Black, Nyta, e-F.....	Provo
Black, Ronald, e-So.....	Ferron
Black, Therel, e-J.....	Ferron
Black, Velma, e-F.....	Ferron
Black, Verna J., A-Sp.....	Provo
Blackmore, William, ap-J.....	Cardston, Alberta, Canada
Blad, Carl Hamblin, ap-F.....	Panaca, Nevada
Blackwell, Harry, G-ss.....	Pleasant Grove
Blair, James E., A-J.....	Provo
Blake, George Rowland, ss.....	Provo
Blake, Lawrence, ap-F.....	Murray
Bland, Alexander, A-F.....	Taber, Alberta, Canada
Blatter, Denver, A-Un.....	Chinook, Montana
Blaylock, Robert M., C-F.....	Idaho Falls, Idaho
Bleak, Earl J., fa-ss.....	St. George, Utah
Bleak, Howard Holmes, A-F.....	Salt Lake City
Bleazard, William Walker, A-F.....	Mountain Home
Bloomfield, Mae, ap-F.....	Shiprock, New Mexico
Blumell, Richard Emerson, A-S.....	Magrath, Alberta, Canada
Boberg, Afton, ss.....	Draper
Boel, Joseph M., A-Sp.....	Provo
Bohman, Dean F., A-J.....	Monroe
Bonnett, Stanford Jay, ap-So.....	Provo
Booth, Edith Young, ss.....	Provo
Booth, Editha, A-Sp.....	Provo
Booth, J. Malcolm, A-J.....	Provo
Booth, Lillian, A-F.....	Provo
Booth, Newell Wayne, ss.....	Blackfoot, Idaho
Boren, Owen Wayne, A-So.....	Oakley, Idaho
Borg, La Zelia A., ss.....	Salina
Boss, Kenneth Rulon, fa-F.....	Garland
Boswell, Calvin Roy, ap-So.....	Provo
Boswell, Gladys Irene, ap-So.....	Provo
Boswell, Joe L., e-F.....	Nephi
Bourne, John Henry, C-F.....	Provo
Bowen, David, A-So.....	Spanish Fork
Bowen, David B., G-ss.....	Spanish Fork
Bowen, Henry Reed, C-F.....	Burley, Idaho
Bowen, Lewis Keith, A-F.....	

.....	Spanish Fork	
Bowen, Lucy, ss.....	Logan	
Bowen, Mark David, C-S.....	Spanish Fork	
Bowen, Thelma Katherine, C-F.....		
.....	Spanish Fork	
Bowen, Victor, C-F.....	American Fork	
Bowen, Wayne Larson, C-S.....		
.....	Spanish Fork	
Bowers, Lucille, e-So.....	Salt Lake City	
Bowles, Geraldine, e-F.....	Nephi	
Bowles, Kathryn, ss.....	Nephi	
Bowman, Bardell Robinson, fa-F.....		
.....	Colonia Dublan, Chihuahua, Mexico	
Bowman, Betty, a-F.....	Provo	
Bowman, Melvin Gardner, A-J.....	Provo	
Bown, Alta M., ss.....	Manti	
Bown, Alice Mildred, A-Sp.....	Provo	
Bown, Emma Lee, A-Sp.....	Provo	
Bown, Glenn B., fa-So.....	Manti	
Bown, Hattie Wright, ap-Sp.....	Provo	
Bown, Henry M., C-So.....	Provo	
Bown, Max Duane, A-S.....	Provo	
Bradford, Margaret Dixon, ss.....		
.....	St. George	
Boyack, Bert Albert, C-S.....		
.....	Spanish Fork	
Boyack, Dean C., C-S.....	Delta	
Boyce, Marguerite, e-J.....	Provo	
Boyce, Marjory, fa-F.....	Salt Lake City	
Boyer, Paul Delos, A-J.....	Provo	
Bradford, Henry Wells, C-So.....		
.....	Spanish Fork	
Bradford, Sterling Taylor, A-So.....		
.....	Spanish Fork	
Bradshaw, Bernece Eunice, fa-J.....	Lehi	
Bradshaw, Harris Axle, ap-Un.....	Lehi	
Brady, Arlo James, A-J.....		
.....	Manassa, Colorado	
Brady, Nyle C., A-F.....		
.....	Manassa, Colorado	
Brady, Reeves Andrew, C-So.....		
.....	Manassa, Colorado	
Brailsford, Ethel Verl, fa-F.....		
.....	Cody, Wyoming	
Brailsford, Leonard, C-F.....	Springville	
Branch, Belva, e-F.....	Price	
Braithwaite, Royden C., G-ss.....	Manti	
Brandley, Helen Bertha, e-S.....		
.....	Stirling, Alberta, Canada	
Brandley, Norma, A-F.....	Salt Lake City	
Brasher, Kirk I., ap-S.....	Huntington	
Brasher, Lucinda, e-F.....	Huntington	
Breinholt, Herbert Carl G.....	Provo	
Breinholt, Leo, e-F.....	Venice	
Brian, Mrs. Emma, e-J.....	Fremont	
Brinkerhoff, William Morris, C-F.....		
.....	Huntington	
Brimhall, Elaine, e-S.....		
.....	Huntington Park, Calif.	
Bringhurst, Afton, e-F.....	Springville	
Brink, Lloyd William, C-F.....	Kaysville	
Britsch, Florence Todd, fa-Sp.....	Provo	
Broadbent, Jay S., C-So.....	Provo	
Broadbent, Thomas Lowell, G.....	Provo	
Broadbent, Verla, e-F.....	Kanab	
Broadhead, Faye, e-J.....	Nephi	
Broadhead, Fern, e-J.....	Nephi	
Broadhead, Joseph Elmore, fa-F.....		
.....	Rupert, Idaho	
Brockbank, Helen, e-So.....	Provo	
Brooke, Betty, e-J.....	Beaver	
Brooksby, Reva, fa-Un.....		
.....	Fredonia, Arizona	
Brooksby, Wilford Armand, A-S.....		
.....	Fredonia, Arizona	
Brothersen, Eva LeNora, C-Un.....		
.....	Mount Pleasant	
Brotherson, Thelma, e-J.....	Moroni	
Brough, Donald Porter, A-F.....	Morgan	
Brough, LeRay Fackrell, e-So.....	Provo	
Browne, Arthur Donald, e-So.....		
.....	San Jose, California	
Brown, Clyde Glen, A-So.....		
.....	Charcas, S. L. P., Mexico	
Brown, Campbell Lee, A-S.....		
.....	Salt Lake City	
Brown, Clark Kendall, A-J.....		
.....	American Fork	
Brown, Donald Leroy, C-F.....	Provo	
Brown, Douglas, A-F.....	Springville	
Brown, Duane, A-So.....	Provo	
Brown, Erroll Goheen, C-J.....		
.....	St. Johns, Arizona	
Brown, Gail Nile, C-F.....	Weiser, Idaho	
Brown, Helen Edith, e-So.....		
.....	Weiser, Idaho	
Brown, Jerome J., Sp.....	Draper	
Brown, John Charl, ap-J.....	Grantsville	
Brown, Kate Scott, e-So.....		
.....	Col. Juarez, Chih., Mexico	
Brown, Mary Jane, C-Sp.....	Provo	
Brown, Mildred, e-J.....	Ogden	
Brown, Milton Evan, A-So.....		
.....	Belleville, Illinois	
Brown, Murlyn Lammar, C-F.....		
.....	Col. Juarez, Chih, Mexico	
Brown, Ralph, A-F.....	Provo	
Brown, Robert, ap-J.....	Duchesne	
Brown, Ruth, fa-F.....	Spanish Fork	
Brown, Vincent McEwan, e-J.....	Provo	
Bruhn, Beth, e-F.....	Panguitch	
Buchanan, Garth Boyd, ap-F.....	Venice	
Buchanan, Iris, C-F.....	Venice	
Buchanan, Marba, e-F.....	Venice	
Bucher, John Richard, C-J.....		
.....	New Martinsville, West Virginia	
Buckley, Gerald Murdock, A-So.....	Provo	
Buckley, Walter Louis, A-F.....		
.....	LaGrande, Oregon	
Buggert, Anneliese, ap-S.....	Provo	
Bullock, Kenneth C., A-So.....		
.....	Pleasant Grove	
Bullock, Thomas, ap-J.....	Provo	
Bullock, Thomas Sterling A-So.....	Provo	
Bullock, Vic, Ray, C-J.....	Provo	
Bunderson, Grant Victor, ap-S.....		
.....	Mayfield	
Bunderson, Joseph A., ss.....	Wellington	
Bunnell, Kay LeRoy, C-So.....	Helper	
Bunnell, Stephen Reese, G.....		
.....	Spring City	

Buranck, Alfred, Martin, A-F.....Pasadena, Calif.
Burgess, Briant G., e-J.....Salina
Burgess, George Dale, A-F.....Alpine
Burgess, Pauline, ap-J.....Alpine
Burgess, Reid C., A-F.....Alpine
Burgon, Beulah, e-So.....Midvale
Burningham, Rhoda Clark, ss.....Provo
Burnside, Wesley Mason, fa-F.....
.....Mt. Pleasant
Burr, Mary, e-J.....Koosharem
Bushell, Dorothy Eva, ss.....Ogden
Bushman, Marguerite, ss.....
.....Salt Lake City
Burton, Grace, Elaine, A-So.....Provo
Burton, Otis, Lynn, e-J.....Morgan
Bushnell, Ruth, ap-F.....Meadow
Buster, Helen Lenore, fa-F.....Payson
Butler, Durwood S., fa-S.....
.....Santa Monica, Calif.
Butler, Hortense, e-F.....
.....Malad City, Idaho
Butt, Ethel Cutler, G.....Provo
Butt, Newbern Isaac, G.....Provo
Buttle, Leland Bezzant, G.....Provo
Butterfield, Chloe, e-F.....Riverton
Byers, Max Reed, C-F.....
.....Fruita, Colorado
Bylund, Ruth, C-F.....Provo
Caffall, Deon, A-F.....Provo
Cahoon, DeRaunz A., C-J.....
.....Leavitt, Alberta, Canada
Cahoon, Leon A., ss.....
.....Leavitt, Alberta, Canada
Cahoon, Wanda, fa-Sp.....
.....Cardston, Alberta, Canada
Calder, Clive, C-Un.....Vernal
Calder, Earl Hacking, ap-J.....Vernal
Calder, Sam, fa-J.....Vernal
Call, Arlene, A-F.....Salt Lake City
Call, Benjamin E., A-J.....Brigham City
Call, Beth, fa-F.....Bountiful
Call, Dean Elmo, ap-So.....
.....Pocatello, Idaho
Call, Joan, C-So.....Brigham City
Callahan, Sterling, G.....Provo
Callahan, William H., ss.....Provo
Callan, Mary, C-S.....Preston, Idaho
Cameron, Opal, fa-F.....Panguitch
Campbell, Lorene Jessie, fa-F.....Ogden
Candland, Barbara Hope, C-F.....Provo
Candland, Ruth Hannah, ss.....Provo
Cannon, George Ivins, C-F.....
.....Salt Lake City
Cannon, Jean Grant, ap-S.....
.....Salt Lake City
Cannon, Mary, C-F.....Magna
Cannon, Willard Lester, A-So.....Provo
Canning, Alfred Clyde, C-S.....Midvale
Carey, Dorothy Mae, A-So.....
.....Somerset, Colorado
Carlile, Lewis A., e-F.....Kamas
Carlile, Sarah Aleen, e-F.....Woodland
Carling, Otis G. Sp.....Provo
Carlson, Belden Howard, A-So.....
.....Spanish Fork
Carlson, Beth, e-F.....Provo
Carlson, Gretta Caroline, ap-J.....
.....Cardston, Alta., Canada
Carlson, Thora May, ap-J.....
.....Cardston, Alta., Canada
Carlston, Arthur Ray, ap-F.....Fairview
Carmack, Effie, ss.....Winslow, Arizona
Carmack, Hazel M., fa-So.....
.....Winslow, Arizona
Caron, Mederic Athanasius, e-S.....
.....Lead, S. Da.
Carpenter, Herman R., C-J.....Park City
Carpenter, Merl, e-F.....Kamas
Carpenter, Thomas Kinsey, A-F.....
.....Washington, D. C.
Carr, Naomi C., ss.....Grantsville
Carr, William Cecil, G.....Grantsville
Carroll, Norman B., C-So.....Vernal
Carroll, Paul Herman, ap-So.....
.....San Angelo, Texas
Carson, Della, ss.....Lehi
Carter, Harold Eugene, C-So.....
.....Salt Lake City
Carter, Mary Lue, ap-F.....Minersville
Carter, Norval E., G.....Lehi
Carver, John A., A-J.....Boise, Idaho
Carver, Monroe, A-F.....Boise, Idaho
Case, Keith, A-F.....Mt. Emmons
Cash, Bernice, A-So.....Midvale
Castleton, Leon Joseph.....Provo
Chadwick, Idon, fa-F.....Weiser, Idaho
Chadwick, Laura, e-So.....Ogden
Chadwick, Russell, A-So.....Morgan
Chamberlain, Dell, A-S.....Orderville
Chamberlain, Hans LaVell, e-So.....
.....Orderville
Chamberlain, Wilford Hugh, e-J.....
.....Orderville
Chambers, Max Willard, A-So.....Garland
Chandler, Harry P., A-J.....Provo
Charlesworth, Gordon Wesley, C-F.....
.....Richfield
Chatfield, Karlyn, fa-F.....Lehi
Chatelain, Edward, ss.....Ogden
Checketts, Benjamin Grant, A-F.....
.....Bear River City
Checketts, Minnie, e-So.....
.....Bear River City
Cheeseman, Harriette Lucille, C-F.....
.....Provo
Cheever, George A., ap-F.....Payson
Chesley, Marvin Fredrick, e-F.....
.....Fillmore
Childs, France, A-F.....Springville
Childs, G. E., G.....Provo
Chipman, Ora Jean, G.....American Fork
Chipman, Ralph Southwick, G.....
.....American Fork
Christensen, Alice Spencer, G.....Provo
Christensen, Alta, e-F.....Lehi
Christensen, Alva, Glenn, fa-So.....Provo
Christensen, Bernard C., ap-So.....
.....Spring City

- Christensen, Clover Barnhart.....
Kellogg, Idaho
 Christensen, Donald Weedham, A-F
Provo
 Christensen, Ellis J., ap-Un.....Moroni
 Christensen, Fern, ss.....Ferron
 Christensen, Gordon M., fa-J.....Delta
 Christensen, Horace, ap-S.....Provo
 Christensen, Jack, C-J.....Midvale
 Christensen, Kathryn, e-F.....Richfield
 Christensen, Kathryn D., e-J.....
American Fork
 Christensen, LaVon A., ss.....Salina
 Christensen, Linford, e-F.....Springdale
 Christensen, Muriel, ss.....Provo
 Christensen, Ruth Jones, ss.....Provo
 Christensen, Vernon Denzil, ss.....Provo
 Christensen, Margaret, ap-J.....Provo
 Christensen, Marguerite, a-So.....Provo
 Christensen, Mona, ap-So.....Elsinore
 Christensen, Ora, e-J.....Richfield
 Christensen, Paul Driggs, G.....
American Fork
 Christensen, Reva, C-So.....Elsinore
 Christensen, Ruth Jones, A-Sp.....Provo
 Christensen, Trevor Lund, e-J.....
Ephraim
 Christensen, Vergie, C-F.....Richfield
 Christensen, Vernon Denzil, C-J.....
Provo
 Christensen, Wallace Erickson, C-So
Mohrland
 Christensen, Waldo, e-J.....Redmond
 Christiansen, John Martin, A-F.....
Pleasant Grove
 Christiansen, Madge, e-J.....Elsinore
 Clark, C. Verl, C-So.....Oakley, Idaho
 Clark, Carl Donald, A-So.....Coalville
 Clark, Edith, e-So.....Provo
 Clark, Ethel, e-F.....Provo
 Clark, Ernest R., G-Lyman, Wyoming
 Clark, Evelyn, e-So.....Lehi
 Clark, Evelyn Jane, C-Un.....Provo
 Clark, Fae, fa-J.....Provo
 Clark, Gean, G.....Provo
 Clark, Harry William, Jr., fa-S.....
Helper
 Clark, Helen, fa-J.....Provo
 Clark, Jeanette, A-J.....Ogden
 Clark, J. Kent, A-J.....Ogden
 Clark, Larry, A-So.....
Kemmerer, Wyoming
 Clark, Lynn Osborn, e-S.....Lynn
 Clark, Mable Hone, C-Sp.....Provo
 Clark, Melba, C-Sp.....Provo
 Clark, Merlin, A-J.....Cannonville
 Clark, Stanley Hawley, A-F.....Provo
 Clark, Stanley Newell, A-So.....Provo
 Clark, Stephen Hone, C-F.....Provo
 Clark, Woodrow Wilson, e-So.....Helper
 Clarke, Alva John, e-S.....
Magrath, Albert, Canada
 Clayson, Joseph Harold, C-S.....
American Fork
 Clayson, DeMar H., A-F.....Spanish Fork
 Clayson, Lawrence William, ss.....
Santaquin
 Clark, T. Rulon, G-ss.....Afton, Wyoming
 Clayton, Vaughn Allen, A-So.....Sandy
 Clegg, Afton Elaine, C-Sp.....Provo
 Clegg, Fred W., G.....Provo
 Clegg, Luke, ss.....Provo
 Clegg, Maurine, fa-F.....Provo
 Clegg, Reed, C-J.....Provo
 Clegg, Robert Louis, A-F.....
Spanish Fork
 Cloward, Blake H., C-S.....Monroe
 Cloward, R. Dell, C-S.....Provo
 Cluff, Al, fa-So.....LaVina, Calif.
 Clyde, D. Evan, C-So.....Heber City
 Clyde, Ed, C-J.....Heber City
 Clyde, Margaret Eloise, e-So.....
Heber City
 Clyde, Ruth, ap-So.....Hamilton, Montana
 Cobbley, Mary, ss.....Blackfoot, Idaho
 Cochran, Myrtle Thornton, ss.....Tooele
 Coffin, Carma, e-J.....St. Anthony, Idaho
 Colby, Marie, e-F.....Brigham City
 Coleman, James Smoot, C-So.....Provo
 Coleman, Martha, e-J.....Provo
 Collett, Edith, e-So.....Vernal
 Collett, Edna, e-So.....Vernal
 Collett, Farrell Ruben, G.....
Bennington, Idaho
 Collins, Eldred Reed, ss.....Provo
 Collins, Raymond William, ap-J.....
Ogden
 Collins, Ted Emory, A-F.....Ogden
 Colton, Gwen Mary, fa-So.....
Salt Lake City
 Coltrin, William Arthur, C-J.....
Huntington Park, Calif.
 Colvin, Harold A., G.....Provo
 Colvin, Orlin G., ss.....Provo
 Conder, Jack C., A-F.....Provo
 Condie, Aileen, fa-So.....Springville
 Condie, Carol, fa-F.....Springville
 Condie, Thelma G., fa-Sp.....Provo
 Conover, Don, C-J.....Provo
 Conover, Hattie H., fa-Sp.....Provo
 Cook, Fon E., A-S.....Cedar Valley
 Cook, Shirl Eldon, A-J.....Pegram, Idaho
 Cook, Zelda, e-J.....Pegram, Idaho
 Cooley, Jane, e-J.....Salt Lake City
 Coon, Blanche Lenore, fa-So.....
Col, Dublan, Chih., Mexico
 Cooper, E. Irene, ss.....Nephi
 Cooper, H. LaRene, G-ss.....
Pleasant Grove
 Cooper, Lawrence Clark, ap-F.....Provo
 Cooper, Mary, ss.....Pleasant Grove
 Cooper, Robert Romero, G.....Provo
 Cope, Clyda, ap-J.....Ruby's Inn
 Cope, James Austin, C-F.....Ruby's Inn
 Cope, Melba, ss.....Richfield
 Cope, Robert Lloyd, C-J.....Richfield
 Corbett, Pearson Harris, G.....
Mesa, Arizona
 Corbell, Dion Woodrow, A-So.....
Spanish Fork
 Cordner, Thomas, A-Sp.....Provo

Cottam, Jean, e-F.....	St. George
Cottam, Lathell M., A-F.....	St. George
Cottam, Venice, C-F.....	Provo
Cottrell, Dannel George, e-J.....	Draper
Couch, Howard William, G.....	
.....	Menan, Idaho
Couch, Thella Hess, ss.....	Menan, Idaho
Coulam, Ann, ss.....	San Francisco, Calif.
Covert, Spencer Elgant, fa-J.....	
.....	Spring City
Covington, Loren, ss.....	Hurricane
Cowan, Alburta, ss.....	Provo
Cowley, Conrad A., ap-F.....	Venice
Cowley, Jessie, A-S.....	Venice
Cowlishaw, Helen, e-F.....	Moroni
Cox, Arla, e-J.....	Lehi
Cox, David Raymond, e-Un.....	
.....	Orangeville
Cox, Catherine, A-F.....	Manti
Cox, LaRue, ss.....	St. George
Cox, Rose, e-F.....	Ferron
Crabbe, Kirkham V., ap-F.....	Lehi
Crandall, Bernice, fa-Un.....	Provo
Crandall, Eva, e-So.....	Springville
Crandall, Hazel, C-F.....	Salina
Crandall, Lars G., C-Sp.....	Provo
Crandall, Lowell W., C-J.....	Springville
Crandall, Sterling M., C-S.....	Springville
Crandall, Stewart Merrill, A-So.....	Provo
Crane, Doris, A-F.....	Provo
Crane, Jack Rolland, A-F.....	
.....	Bennington, Idaho
Crane, Norma, C-J.....	Provo
Cranney, June, e-F.....	Auburn, Wyoming
Creer, Allen Bradford, C-So.....	
.....	Spanish Fork
Creer, Paul Bradford, C-J.....	
.....	Spanish Fork
Creer, Varona, ss.....	Salt Lake City
Crockett, Quinten E., C-So.....	
.....	Preston, Idaho
Croft, Grace Hildy, ss.....	Provo
Croft, Melba, ss.....	Provo
Croft, Patricia, e-F.....	Salt Lake City
Crist, Clifford Charles, C-So.....	
.....	Richfield, Idaho
Crompton, M. Elнора, ss.....	Ogden
Crook, William, ap-F.....	Heber
Cropper, Ladd R., fa-J.....	Delta
Crosbie, Robert Ray, A-J.....	Provo
Crosby, Frank L., A-J.....	
.....	St. Johns, Arizona
Crosby, Georgia Jean, F.....	Cowley
Crosby, Mary Karma, e-Sp.....	Provo
Crosby, Samuel Wallace, C-S.....	
.....	St. George
Crowther, June Fern, e-So.....	Provo
Crowton, David Mac Gillivray, e-S.....	
.....	Provo
Crowton, Ralph Ernest, C-So.....	
.....	Salt Lake City
Cullimore, Bernece, e-J.....	Provo
Cullimore, Odessa A., A-Sp.....	Provo
Cullimore, Wanda, C-So.....	Provo
Culmsee, Edna Ball, ss.....	Provo
Cummings, Richards Franklin, A-S.....	
.....	Provo
Currie, Emily Sarah, fa-So.....	
.....	American Fork
Curry, Reginald Oran, ap-J.....	
.....	Fort Duchesne
Curtis, Betty, A-F.....	Coakville, Wyoming
Curtis, Coral, ap-So.....	Provo
Curtis, Glenn, C-F.....	Deseret
Curtis, Elda Ruth, e-J.....	Aurora
Curtis, Joseph Wesley, ss.....	
.....	Blackfoot, Idaho
Curtis, La Thair Hale, fa-F.....	Provo
Curtis, Leora, fa-So.....	Provo
Curtis, Marvin Raine, A-F.....	
.....	Salt Lake City
Curtis, Ruth Frischknecht, ss.....	Manti
Curtis, Viola Hale, fa-Sp.....	Provo
Curtis, Walter Romans, A-F.....	Provo
Cutler, Margie, e-J.....	Salt Lake City
Cutler, Miriam, fa-F.....	Panguitch
Dabb, Ralph Francis, A-S.....	Harrisville
Rahl, Beth Evelyn, fa-F.....	Midvale
Dahlquist, Charles Winston, e-F.....	Provo
Dalton, James Cecil, A-F.....	
.....	Jerome, Idaho
Dalton, Ralph C., ap-So.....	Payson
Dargon, Beth, A-Sp.....	Provo
Davidson, Edward Allen, A-F.....	
.....	Mt. View, Wyoming
Davies, Charles J., A-J.....	Spanish Fork
Davies, Grant Busch, C-J.....	Provo
Davis, Ariel Rual, A-J.....	Provo
Davis, Cecil Harold, A-F.....	
.....	Deep Run, North Carolina
Davis, Chester, A-S.....	Troy, Ohio
Davis, Dolores Marie, ss.....	
.....	Rochester, New York
Davis, C. Ralph, G.....	Dividend
Davis, Douglas James, A-So.....	Provo
Davis, Florence Marie, C-F.....	Salem
Davis, Keith Giles, fa-So.....	Lehi
Davis, Naomi, fa-F.....	Brigham City
Davis, Vern Lee, fa-S.....	Springville
Davis, Vernon L., ap-F.....	Eden, Idaho
Day, Oneta Petersen, e-J.....	
.....	Pleasant Grove
Dean, Gene William, e-F.....	
.....	Evanston, Wyoming
Dearing, W. Jack, A-Un.....	Midvale
Dean, Elva Crosbie, G.....	Provo
Dean, Harry A., G.....	Ephraim
Decker, Craig Adams, A-F.....	
.....	Kirtland, New Mexico
Decker, Carl H., C-F.....	
.....	Snowflake, Arizona
Decker, Freda S., A-S.....	
.....	Snowflake, Arizona
DeGraff, Dale C., C-J.....	Heber City
deJong, Belle Felice, fa-So.....	Provo
DeLange, Leland J., A-So.....	Koosharem
Demos, Helen, fa-So.....	Provo
Demson, Elizabeth, e-F.....	Salem
Denning, Martha, A-So.....	
.....	Idaho Falls, Idaho

Dennis, Elvin J., ap-S.....	Roosevelt
Dennison, Amelia, fa-F.....	Gunnison
Despain, Carroll Eldon, ap-F.....	Prescott, Arizona
Detmers, Bob F., e-J.....	Beaver
Devey, Helen, e-J.....	American Fork
Deviney, John Teager, C-F.....	Sioux City, Nebraska
Devitt, Willard Raymond, ap-So.....	American Fork
Dexter, Jr., Alfred, C-J.....	Pleasant Grove
Dillman, Allen Miles, A-So.....	Roosevelt
Dixon, Alice Delenna, e-So.....	Provo
Dixon, C. Fulvia Call, ap-Sp.....	Provo
Dixon, Evelyn, ss.....	Provo
Dixon, Fred Walter, G.....	Provo
Dixon, Harry A., A-J.....	Provo
Dixon, Howard Banks, G.....	Provo
Dixon, Grant DeGray, A-F.....	Provo
Dixon, Maurine, G.....	Provo
Dixon, Norma, A-So.....	Provo
Dixon, Raymond Layne, C-F.....	Provo
Dixon, Stella, ap-S.....	Provo
Dimond, Rae Henry, C-F.....	Midvale
Done, Willard Edwin, C-J.....	Salt Lake City
Doss, Loy Fielding, A-Sp.....	Provo
Dowdle, Robert Max, e-S.....	Springville
Downs, Winston, A-J.....	Provo
Dansfield, Melvin R., e-F.....	Ogden
Draper, Edna Elsie, C-Sp.....	Provo
Driggs, Carol Margaret, C-F.....	Phoenix, Arizona
Duce, Donald Folsom, C-So.....	Provo
Duce, George Harold, C-So.....	Provo
Dudley, H. James, A-So.....	Randlett
Dudley, Margaret, e-J.....	Vernal
Duffin, Harlow Clarence, C-F.....	Salt Lake City
Duffin, Lois, ap-F.....	Axtell
Duffin, Marie, ap-J.....	Salt Lake City
Duffin, Virginia, ap-F.....	Salt Lake City
Duggan, Robert Emmett, A-F.....	Richfield
Duke, Miriam, C-Sp.....	Provo
Duke, Woodrow Skousen, fa-Un.....	Phoenix, Arizona
Dunford, George Osmond, ss.....	Bloomington, Idaho
Dunkley, Karis Jo., C-F.....	Whitney, Idaho
Dunkley, LeGrand Joseph, C-S.....	Whitney, Idaho
Dunkley, Margaret Cady, C-F.....	American Fork
Durrant, Dorothy, C-So.....	Provo
Dyreing, Lucille, fa-So.....	Manti
Dyreing, R. Morgan, C-S.....	Manti
Eagar, David R., G-ss.....	Mammoth
Earl, Alma LaVon, G.....	American Fork
Earl, Grant Clarence, C-G.....	Ogden
Earl, Leland Joseph, C-J.....	Ogden
Earl, Samuel Aubrey, ss.....	Barnwell, Alta., Canada
Eastland, Robert Wayne, fa-F.....	Nampa, Idaho
Eastmond, Elbert John, G.....	Provo
Eddington, Roslyn Anne, fa-S.....	Springville
Edmunds, Esther O., ss.....	Provo
Edwards, Alice, ss.....	Charleston
Eggertsen, Simon P., G.....	Provo
Einerson, La Rene, e-J.....	Roosevelt
Eitel, Leona Laue Val, fa-S.....	Ely, Nevada
Ekloff, Genevieve Sullivan, ss.....	Eureka
Ekins, Ruth, e-F.....	Provo
Eldredge, Leah, ss.....	Salt Lake City
Ellertson, Clarence Lyman, G-ss.....	Mona
Ellertson, Flo, A-So.....	Provo
Ellertson, Lael, e-So.....	Mona
Ellett, Evelyn, C-Sp.....	Spanish Fork
Ellett, Neta R., ss.....	Bricknell
Elliott, Earl Lamond, C-F.....	Provo
Elliott, Grant Hansen, C-F.....	Provo
Elliott, Robert Lester, A-F.....	Provo
Ellison, Helen, e-So.....	American Fork
Ellison, Jack Richard, A-F.....	Provo
Ellsworth, Cyrus Wightman, ap-F.....	Provo
Ellsworth, Elman K., A-So.....	Payson
Ellsworth, Genevieve W., ss.....	Provo
Ellsworth, Marjorie, G-ss.....	Lewisville, Idaho
Ellsworth, Nada, ap-J.....	Provo
Ellsworth, Reed W., ap-F.....	Safford, Arizona
Emley, Elbert Francis, C-So.....	Ogden
England, Eugene Knight, C-F.....	Ogden
Erekson, Leone, ap-F.....	Payson
Erickson, Deblin Albin, C-So.....	Iona, Idaho
Erickson, Eva, fa-Sp.....	Spring City
Erickson, Margaret, ss.....	Stirling, Alta., Canada
Esplin, T. Lavoy, A-J.....	Orderville
Evans, Alice Maxwell, ss.....	Grace, Idaho
Evans, Ashel John, e-F.....	Vernal
Evans, Beth Rowe, fa-So.....	Spanish Fork
Evans, Cecil F., ap-F.....	Lehi
Evans, Donald Jones, A-J.....	Spanish Fork
Evans, George H., A-F.....	Vernal
Evans, Howard Clark, G-ss.....	Grace, Idaho
Evans, John Riggs, A-F.....	Provo
Evans, Karma, C-J.....	Lehi
Evans, Lyle, C-So.....	Nephi
Evans, Maria, ss.....	Malad, Idaho
Evans, Reo G., A-F.....	Lehi
Evans, Shirley Osburn, C-F.....	Butte, Montana
Evans, Sterling Ross, A-F.....	Lehi
Evans, VaLeen, C-F.....	Coalville
Evans, Wm. R., ss.....	Mt. Emmons
Eyre, Carlyle Ballard, ap-So.....	Cowley, Wyoming

- Eyring, Jeniveve, ap-S.....
.....Pima, Arizona
- Facer, Martha, fa-F.....Pleasant Grove
Fackrell, Virginia, A-So.....Eden
Fairbanks, Fern Smith, A-So.....
.....Caldwell, Idaho
Fairbanks, Florence Annetta, ap-F.....
.....Salt Lake City
Fairbanks, Geraldine, e-F.....Richfield
Fairbanks, Merwin Gifford, fa-F.....
.....Salt Lake City
Farley, Eva Phyllis, C-F.....Provo
Farley, Stanley T., C-F.....Provo
Farnes, June Pearl, e-S.....
.....Twin Bridges, Montana
Farnes, Wanda Irene, A-F.....
.....Twin Bridges, Montana
Farnsworth, Doraine, ss.....
.....Salt Lake City
Farnsworth, Lucille, e-J.....
.....Colonia Dublan, Chih., Mexico
Farnsworth, Thelma, ap-F.....Beaver
Farnworth, Helen, C-F.....Provo
Farnworth, Viola, G-ss.....Provo
Farr, Eleanor Gertrude, fa-J.....
.....Washington, D. C.
Farrer, Berthelda, C-F.....Provo
Farrer, Blanche Jean, C-F.....Murray
Faux, Ferry J., ss.....Spanish Fork
Fawcett, Myrlene, C-F.....St. George
Fechser, Ida, G.....Provo
Felt, Bert, A-J.....Centerfield
Felt, Beyrle La Monte, ss.....
.....Blackfoot, Idaho
Ferris, Muriel, ap-So.....Chicago, Illinois
Fettes, William Edward, A-Un.....
.....Alamosa, Colorado
Feulner, Marian Irene, ap-F.....Magna
Fietkau, L. Ross, ap-S.....Boneta
Fillmore, Elithe, ap-J.....Provo
Fillmore, Melvin Woodrow, A-Sp.....
.....Provo
Finlayson, Earl T., Sp.....Provo
Finlayson, Lela, ap-S.....Provo
Finlayson, Lloyd Taylor, A-So.....Provo
Finley, May, ss.....Springville
Firmage, Louise Miriam, C-Sp.....Provo
Fish, Adelaide Margaret, A-F.....Delta
Fish, Charles Riggs, A-J.....Provo
Fisher, Flora D., G-ss.....Provo
Fisher, Grant, C-F.....Provo
Flake, Marjorie Ruth, fa-So.....
.....Salt Lake City
Flake, Samuel D., fa-So.....
.....Snowflake, Arizona
Flanagan, B. L., G.....Salt Lake City
Flanders, Frank A., G-ss.....
.....Winnemucca, Nevada
Fletcher, Charles Thomas, A-J.....Provo
Fletcher, Hazel, G-ss.....Provo
Fletcher, James Chipman, A-F.....
.....Flushing, N. Y.
Fletcher, Sarah Ellen, ss.....Junction
Fliflet, George Victor, A-F.....Provo
- Folsom, Ronald Reid, e-J.....
.....Hill Spring, Alta., Canada
Foote, Ellis, A-Un.....Altonah
Ford, Joe V., C-So.....Provo
Ford, Melburn Sabey, C-F.....Provo
Ford, William Lester, A-F.....Provo
Foremaster, Florence, ss.....St. George
Forsey, George Furner, A-So.....Eureka
Forsyth, Richard, C-Sp.....Provo
Forsyth, William Achroyd, e-J.....
.....Cardston, Canada
Foster, Landy M., e-Sp.....Tabiona
Fotland, Clara, ss.....Provo
Foulger, Delsa, ss.....Ogden
Fountin, Kleva, C-F.....Provo
Fowkes, Lucille, G.....Provo
Fox, Norine, ss.....Lehi
Fox, Rulon Boyer, ap-F.....Springville
Francis, Dean Wilson, A-F.....
.....Santa Ana, Calif.
Francis, Kent, A-F.....Morgan
Francis, Malin E., A-F.....Morgan
Francis, Paul Edwin, A-Un.....
.....Santa Ana, Calif.
Francis, Sam Boyd, A-F.....
.....Santa Ana, Calif.
Francis, Thora, ap-Un.....
.....Santa Ana, Calif.
Francom, Martha Webb, ap-So.....Levan
Frandsen, Howard, C-So.....Provo
Frandsen, Lois, C-F.....Provo
Frandsen, Russell Evan, C-F.....Provo
Frandsen, Victor Glenn, ss.....
.....Springville
Frazier, Leo Odeon, C-So.....Oakley
Freckleton, Jennie L., ss.....Provo
Freckleton, John Medley, A-S.....Provo
Free, Lorymore, A-F.....Panaca, Nevada
Freestone, James R., ap-J.....
.....Mesa, Arizona
Freestone, Wilson I., A-Un.....Vernal
Frehner, Leon, ap-J.....Mesquite, Nevada
Friel, Garnet La Mar, A-F.....Springville
Frost, Herbert Hamilton, A-F.....
.....Newport, Rhode Island
Frost, Margaret, ss.....Spanish Fork
Fuellenbach, Chester Lehi, ap-F.....
.....Richfield
Fuellenbach, Maurice Alonzo, A-So.....
.....Richfield
Fugal, Anna Letha, e-F.....
.....Pleasant Grove
Fugal, Jean A., ap-S.....
.....Pleasant Grove
Fugal, Lucille, C-F.....Pleasant Grove
Fugal, Neil Y., C-S.....Pleasant Grove
Fulkerson, Alvin, e-So.....
.....Overton, Nevada
Fuller, Alta C., ss.....Thatcher, Arizona
Fuller Chloe, ss.....Eden
Fuller, Dorothy Elizabeth, ap-So.....
.....Barnwell, Alta, Can.
Fuller, Livonia W., ss-Sp.....Provo
Furr, Norma, A-Sp.....Provo
- Gadd, John William, e-F.....Nephi

Galt, Allan Hugh, A-F.....	Spanish Fork
Gaeth, Arthur, A-S.....	Provo
Galway, Desma Hall A-S.....	Panaca, Nevada
Gamett, Mark W., C-F.....	Pleasant Grove
Gammell, Raymond William, C-So.....	Provo
Gardiner, Jack Simeon, A-F.....	Pleasant Grove
Gardner, Evan Glazier, C-S.....	Delta
Gardner, Grant Earl, C-So.....	Detroit, Michigan
Gardner, Merline, fa-S.....	American Fork
Gardner, Nel Barclay, A-J.....	Spanish Fork
Gardner, Nita, e-J.....	Spanish Fork
Gardner, R. T., C-So.....	American Fork
Gardner, Ross D., A-J.....	Salt Lake City
Gardner, Samuel Vernon, A-So.....	Salem
Gardner, Thelma, e-So.....	Neola
Gardner, Valoise Sharlee, A-F.....	Cheyenne, Wyoming
Gardner, Veda, C-F.....	Spanish Fork
Gardner Wallace H., Sp.....	Spanish Fork
Garner, Hazel Ardella, ap-S.....	Ogden
Garrett, Bernice Lucille, C-F.....	Nephi
Garrett, Maurice Paul, C-J.....	Nephi
Garrett, Norma Pricilla, C-So.....	Provo
Garrett, Philip E., C-F.....	Nephi
Garrett, Ralph LeRoy, A-So.....	Nephi
Gassman, Alta Thompson, ap-J.....	Ephraim
Garrett, Wanda, G-ss.....	Nephi
Gay, Farrall Dee, A-So.....	Joseph
Gay, Grant Venoy, C-J.....	Joseph
Gearheart, Verla Bess, A-J.....	Chinook, Montana
Geary, Charles Calvin, G-ss.....	Morgan
Gee, Norma W., G.....	Provo
Geigle, Albert, e-F.....	Salt Lake City
Gentry, Joseph, fa-J.....	Beaver
George, Karl Owen, A-F.....	Pleasant Grove
George, Scott, C-Sp.....	Kanosh
Germer, Max Elliot, fa-J.....	Deweyville
Geslison, Clarence M., ap-J.....	Spanish Fork
Gibb, George Hildon, A-F.....	Hillspring, Alta, Canada
Gibb, Jack Rex, G.....	Portland, Oregon
Gibb, Rulon, e-S.....	Magrath, Alta, Canada
Gibby, Irwin, ap-J.....	Roy
Gibson, Robert Owen, A-So.....	Las Vegas, Nevada
Giddings, Crandall Bland, A-S.....	American Fork
Giddings, Irene, ap-So.....	American Fork
Gilbert, Art Gene, C-So.....	Salt Lake City
Gilchrist, Ruth C-Sp.....	Ontario, Oregon
Giles, Clarence William, e-J.....	Heber City
Giles, Elvin C., ss.....	Heber City
Giles, Kenneth Douglas, C-F.....	Heber City
Giles, Lucille, fa-F.....	Salt Lake City
Gillespie, Gerald Carter, ap-S.....	Tooele
Gillies, Una, ss.....	Greenriver
Gleason, Nadine, fa-S.....	Hiawatha
Gleave, Gwen, ss.....	Annabella
Glissmeyer, Pearl, e-So.....	Salt Lake City
Glover, Donald Perking, ap-F.....	Midvale
Goates, Ralph Gardner, C-F.....	Midvale
Golding, Eleanor Beth, fa-F.....	Provo
Golding, Lawrence Branch, e-S.....	Price
Goodrich, Floyd C., C-J.....	Bluebell
Goriskek, Carolina Elizabeth, ss.....	Scofield
Gould, Arthur, C-F.....	Los Angeles, California
Gourley, George, ss.....	Pleasant Grove
Gourley, June, ap-F.....	Pleasant Grove
Graehl, Richard Norman, C-J.....	Ogden
Graham, Faye, fa-Sp.....	Provo
Graham, Heber S., A-F.....	Fairview
Graham, Jo, e-So.....	Provo
Graham, Ray Cleg, ap-J.....	Wallsburg
Graham, Richard, fa-J.....	Fairview
Grange, William, A-So.....	Manti
Grant, Zola, e-F.....	American Fork
Grasse, Marjorie, fa-J.....	Denver, Colorado
Green, Garnet, ap-S.....	McCammon, Idaho
Greene, Lawrence W., ss.....	Heber
Greenwood, Dorothy Anne, e-So.....	Sandy
Greenwood, Ella, e-S.....	Sandy
Greenwood, Ernest Morgan, e-F.....	Nephi
Greenwood, Glenn Boley, C-F.....	American Fork
Greenwood, Sherman Robinson, A-F.....	American Fork
Greer, Grant, e-Sp.....	Provo
Greer, Norma D. Hansen, ss.....	Provo
Gregersen, Garth Clifford, A-F.....	Marysvale
Gregersen, Wallace La Vell, ss.....	Elsinore
Grimes, Jesse W., e-So.....	Provo
Griffin, Vernile Emerson, A-So.....	Escalante
Griffith, Dorothy, ss.....	Tooele
Griffith, J. Elmer, Sp.....	Midvale
Griffith, Laura P., ss.....	Preston, Idaho
Groesbeck, Earl Saunderson, G-ss.....	Springville
Groesbeck, Rhoda Marie, ss.....	Springville
Gross, Bill John, fa-Sp.....	Hays, Kansas
Gubler, Clark Johnson, A-J.....	LaVerkin
Gudmundson, Barbara, e-F.....	Springville
Gulbrandson, William N., ss.....	Huntington Park, Calif.
Gull, Beatrice Gardner, e-F.....	Spanish Fork
Gunney, J. Ferrin, C-S.....	Provo
Gurr, Anna, e-F.....	Parowan

- Guyman, June Kathleen, A-F.....Huntington
 Guymon, William Lee, ss.....Orangeville
 Hacking, Florence Jane, e-J.....Vernal
 Hacking, John Walter, C-Un.....Burley, Idaho
 Hacking, Leo Edwin, C-S.....Vernal
 Hacking, Lola, ap-S.....Cedar Valley
 Hacking, Maurine, ap-S.....Cedar Valley
 Haddock, Edward Oliver, CF.....Paris, Idaho
 Haddock, Max Thomas, A-J.....Bloomington, Idaho
 Haddock, Orlando B., ss.....Ogden
 Hafen, Ada, e-J.....St. George
 Haggerty, Charles Edward, e-J.....Keyser, West Va.
 Hair, Elaine Doris, fa-F.....Marion
 Hale, Ballard Rosel, Un.....Oakley, Idaho
 Hale, Quentin Solomon, A-F.....Oakley, Idaho
 Hales, Belle Wilson, ap-S.....Provo
 Hales, D. Wilson, A-F.....Provo
 Hales, G. Ray, G-ss.....Spanish Fork
 Hales, James Vern, A-S.....Provo
 Hales, Leo, ss.....Spanish Fork
 Hales, Lois Marie, C-F.....Springville
 Hales, Mark L., A-So.....Spanish Fork
 Hall, Catherine, Esther, A-So.....Roosevelt
 Hall, David Bingham, ap-F.....Vernal
 Hall, Don Curtis, ap-F.....Vernal
 Hall, Grace, C-F.....Provo
 Hall, J. Clark, fa-So.....Minersville
 Hall, Jay Markham, ap-F.....Vernal
 Hall, Lela, e-So.....Vernal
 Hall, Maurice Barker, G.....Santaquin
 Hall, William Berkley, A-F.....Payson
 Hallam, Lucille, A-J.....Spanish Fork
 Halliday, Blaine Owen, ap-F.....Pleasant Grove
 Halliday, Jack R., A-F.....Provo
 Halliday, John R., G.....Provo
 Halterman, Austin Tell, e-So.....Parowan
 Hamblin, Lawson, Sp.....Greenbelt, Maryland
 Hammer, Bert LaSalle, fa-F.....Idaho Falls, Idaho
 Hammond, Marion, A-So.....Cowley, Wyoming
 Hanchett, Hughes Byron, A-S.....Provo
 Handy, Josie G., ss.....Jerome, Idaho
 Hanks, Barbara, fa-So.....Burley, Idaho
 Hanks, Chas Lynn, ss.....Salem
 Hanks, Elizabeth, e-F.....Burley, Idaho
 Hanks, Howard T., ss.....Eureka
 Hansen, Alma Wayment, A-J.....Ogden
 Hansen, Anna, fa-F.....Weiser, Idaho
 Hansen, Bernard Lyle, A-So.....Sheridan, Wyoming
 Hansen, Carl Myrlin, e-So.....Salina
 Hansen, Dorr William, e-So.....Sunnyside
 Hansen, Earl Morgan, ap-F.....Weiser, Idaho
 Hansen, Genevieve, A-So.....Provo
 Hansen, Glenn, W., G-ss.....Monticello
 Hansen, Grant, A-J.....Provo
 Hansen, Jay Keith, C-So.....Ogden
 Hansen, La Vonda, fa-F.....Richfield
 Hansen, Louise, A-F.....Sheridan, Wyoming
 Hansen, Louise, e-So.....Delta
 Hansen, Lydia, ss.....Richfield
 Hansen, Mary Beth, ap-F.....Iona, Idaho
 Hansen, Mildred Cora, C-Un.....Boise, Idaho
 Hansen, Ruby Kelly, ss.....Monticello
 Hansen, Ruth, C-Un.....Provo
 Hansen, Ruth, e-So.....Delta
 Hansen, Sarah Marie, ap-F.....St. Anthony, Idaho
 Hansen, Sybil, A-F.....Preston, Idaho
 Hansen, Theresa Mary, A-S.....Provo
 Hansen, Uda Holley, ap-Sp.....Spanish Fork
 Hansen, Valine Edith, e-Sp.....Lehi
 Hansen, Wm. E., A-So.....El Monte, Calif.
 Hansen, Wyroa, e-Sp.....Spring City
 Hanson, Anne, e-So.....Spanish Fork
 Hanson, Parker, C-Sp.....Provo
 Hanson, June E., ap-F.....Lehi
 Hanson, Leo, G-ss.....Lehi
 Hanson, Leora, ss.....Tetonia, Idaho
 Hanson, Roy Williams, C-So.....Spanish Fork
 Harder, Rancee Elizabeth, e-F.....Leamington
 Harding, Elden A., ss.....Provo
 Harding, Ruth Bell, ap-F.....Meadow
 Hardy, Ariel Eldon, A-So.....Oakley, Idaho
 Hardy, Jean Lenore, fa-S.....Great Falls, Montana
 Hardy, Kathryn, C-F.....Salt Lake City
 Hardy, Ralph Blaine, A-F.....Provo
 Harker, Lawrence Leon, e-J.....Hill Sp., Alta, Canada
 Harmer, Naomi, A-F.....Mapleton
 Harmon, Paul Lewis, A-F.....Provo
 Harper, Alta, A-F.....Oakley, Idaho
 Harper, Wilson, A-J.....Oakley, Idaho
 Harris, Billie M., C-F.....Boise, Idaho
 Harris, Carol, e-So.....Provo
 Harris, Charles D., ap-S.....Pleasant Grove
 Harris, Dola, A-So.....Lovell, Wyoming
 Harris, Estelle Spilsbury, A-Sp.....Provo
 Harris, Joseph Bond, ss.....Blanding
 Harris, Leah Dorothy, ap-J.....Provo
 Harris, Ruth, C-F.....Salt Lake City
 Harris, Sherman, e-F.....Peoa
 Harris, Vivian Glade, A-Un.....Provo
 Harrison, Dan Bird, A-J.....Provo
 Harrison, Jack T., A-F.....Provo
 Harrison, Stanford, A-J.....Downey, Ida
 Harrison, Viri L., C-J.....Springville
 Harston, Clarence B., ap-S.....Cowley, Wyoming
 Harston, Miles Briggs, ap-S.....Cowley, Wyoming
 Hart, Eldon Charles, C-S.....Ogden
 Hart, Sylvester Evensen, fa-F.....Raymond, Idaho

Hartley, Gwen, A-J	Fairview	Hennefer, Jay Fisher, fa-S	Layton
Harton, Leo Wedge, A-F	Caliente, Nevada	Henrie, Myrleen, ap-F	Provo
Hashitani, George, ap-F	Nyssa, Oregon	Henrie, Robert Garth, C-F	Richfield
Hasler, J. William, G-ss	Provo	Herbert, Ana Faun, e-So	Salina
Hassell, Farol, C-J	Mammoth	Herbert, Leo, C-J	Douglas, Arizona
Hassell, Thelma M., ss	Mammoth	Herbert, Ruth, C-Sp	Provo
Hastings, Ether, e-So	Hurricane	Hermansen, Phyllis, e-J	Gunnison
Hatch, Ansel Wilder, ss	Bancroft, Idaho	Hervagen, Arnold, G	Ogden
Hatch, Charles, Steven, ss	Idaho Falls, Idaho	Heslington, David C., ss	Milford
Hatch, Clifford LeRoy, A-F	Corinne	Higgs, Norma, A-F	Salt Lake City
Hatch, Ernestine, A-F	Col. Juarez, Chih., Mexico	Hilgendorf, John G., fa-Sp	Provo
Hatch, Jos. M., ss	Idaho Falls, Idaho	Hill, Marian Julia, ss	Ogden
Hatch, Logan Brimhall, A-F	Shelley, Montana	Hjorth, Carlos L., A-Un	Springville
Hatch, Noal K., A-So	Provo	Hills, Henry, G-ss	Ferron
Hatch, Orvill, A-F	Panguitch	Hilton, Sadie Effie, ss	Rexburg, Idaho
Hatton, Chell E., ss	Farron	Hinchcliff, Mary, e-S	Idaho
Hatton, Don, ss	Kanosh	Hinckley, Clold Leo, ss	Rexburg, Idaho
Hatton, Elaine, ss	Fillmore	Hinckley, Elayne, A-F	Provo
Hawker, Afton, A-So	Grantsville	Hinckley, Ramona, fa-S	Chicago, Illinois
Hawker, Mary, A-Sp	Grantsville	Hinckley, Rulon, G-ss	Hinckley
Hawkes, Eugene, ss	Ogden	Hinckley, Sylvia, A-So	Chicago, Illinois
Hawkins, Merrill D., C-So	American Fork	Hinman, Edgar W., ap-J	Cardston, Alta., Canada
Haws, Elwood Goodman, C-J	Provo	Hirschi, Rae, C-Sp	Rockville
Haws, Gilbert Smith, A-So	Provo	Hitchcock, Helen, C-So	Great Falls, Montana
Haws, J. C., e-J	Escalante	Heslington, Mel, ss	Milford
Hayes, Leith, e-So	Provo	Hess, Odean Lot, e-F	Brigham City
Hayes, Sheldon P., ss	Provo	Heward, Lester, e-F	Woodruff, Arizona
Haymond, Howard Roland, C-So	Springville	Heywood Edith, ap-J	Panguitch
Haymore, Franklin Lant, C-F	Douglas, Arizona	Hiatt, Mildred Evelyn, ss	American Falls, Idaho
Haymore, John Arnold, C-F	Douglas, Arizona	Hiatt, Nola Marie, ap-F	Payson
Haymore, Franklin Reynard, C-J	Douglas, Arizona	Hicken, Fay, e-F	Richmond
Hayward, LaNell Ralph, C-So	Provo	Hicken, Orson Beck, e-S	Heber City
Hayward, Woodrow E., A-F	Montpelier, Idaho	Hicken, Ralph Fisher, ap-So	Heber City
Heaton, Charlotte, e-So	Kanab	Higby, Patricia Clare, A-So	Boise, Idaho
Hebertson, Thorit C., G-ss	Provo	Higginson, Essie, ss	Santaquin
Hedquist, Dorothy Vivian, fa-So	Provo	Higgs, Afton, A-J	Salt Lake City
Heggie, Bruce Meldrum, C-Sp	Raymond, Alta., Canada	Hitchcock, Marcus Floyd, A-F	Provo
Heidenreich, Joe, C-F	Pleasant Grove	Hobson, Glen George, C-S	Hoytsville
Heiner, H. Bartley, ss	McKinnon, Wyoming	Hodge, June A., A-So	Spanish Fork
Heiner, Iris Jean, A-F	Oakley, Idaho	Hodges, Ethel, ap-So	Logan
Heiner, Louise, A-F	Morgan	Hodgson, Roland, A-S	Newdale, Idaho
Helquist, Bernice R., ss	Blanding	Hodson, Afton, e-S	Provo
Hemingway, Donald Wm., fa-So	Ely, Nevada	Hodson, Mae Eliza, e-J	Provo
Hemingway, Thomas, A-J	Ely, Nevada	Hodson, Robert Gee, C-So	Provo
Henderson, Dorothy, e-F	Draper	Hodson, Rosemary, ss	Provo
Henderson, Erwin C., A-S	Provo	Hofer, Alceodene, e-So	Blackfoot, Idaho
Henderson, Herman, ap-J	Clifton, Idaho	Hoffer, Samuel Earl, A-Sp	Payson
Henderson, Walter, e-J	Cannonville	Hogan, Eva, ap-J	Eureka
Hendrickson, Elizabeth Merrill, ap-F	LaGrande, Oregon	Hogge, Marelda, ss	Eden
		Hohmann, Fritz Carl, A-F	Glen Cove, N. Y.
		Holbrook, Alta, C-F	Bountiful
		Holbrook, Helen, fa-J	Provo

Holbrook, Jean, e-F	Metropolis, Nevada
Holbrook, Vera, A-So	Provo
Holdaway, Clyde Amos, ap-S	Provo
Holdaway, Dorothy, C-F	Heber
Holland, Thelma Leora, fa-F	
.....	Glenns Ferry, Idaho
Holley, Irma, A-F	Mapleton
Holm, Floyd S., A-F	Springville
Holman, Helen, Maurine, A-F	
.....	Taber, Alta., Canada
Holman, Howard, A-F	Delta
Holman, Lenna, A-S	
.....	Manassa, Colorado
Holmstead, Jean Ellan, A-F	
.....	American Fork
Holt, Grant Robert, C-S	Provo
Holt, Isaac Bullock, C-Un	
.....	Raymond, Alta., Canada
Holt, Jesse Clyford, J-ss	
.....	Spanish Fork
Holt, Lula Bernice, ss	Midvale
Holt, Maxine, e-So	Midvale
Holt, Phyllis Carolyn, e-F	Tooele
Holyoak, John L., ss	Burley, Idaho
Homer, Miriam, C-F	American Fork
Hone, Melva, e-J	Spanish Fork
Hoover, Roland Lamar, A-S	Park City
Hopkin, Zona Elizabeth, e-F	
.....	Garland, Wyoming
Hopla, Cluff Earl, C-So	Mapleton
Hopper, Franklin T., ap-J	
.....	Spanish Fork
Horlacher, Ralph Milton, C-So	
.....	Ely, Nevada
Horr, Ruth L., fa-S	
.....	Junction, Colorado
Houston, Wallace Mat, A-F	
.....	Panguitch
Houtz, Charlotte Elizabeth, e-F	Provo
Houtz, Delia, e-J	Mapleton
Howard, Clara, ss	Huntington
Howard, Elmo Oris, ap-F	
.....	Pine, Arizona
Howard, Flora, ap-J	Huntington
Howard, Thomas Larson, ap-F	
.....	Pleasant Grove
Howe, Cruse Junior, fa-F	Provo
Howe, Orvil H., C-J	Provo
Howe, Wm. S., C-S	Provo
Howell, Darwin K., A-F	Provo
Hoyt, Helen Grace, G	Provo
Huber, Robt. E, Sp	Payson
Hughes, Marjorie, C-F	
.....	Buffalo, Wyoming
Hughes, Reed Gardner, C-S	
.....	Spanish Fork
Hughes, Ruth Frances, fa-So	
.....	Spanish Fork
Huish, Billy Hugo, A-So	
.....	Douglas, Arizona
Huish, H. Paul, G-ss	Rigby, Idaho
Hulet, Oscar, ss	Summit
Hull, Alvin C. Jr., G	Ogden
Hullinger, Orvel, e-S	La Point
Hullinger, Velma, A-F	La Point
Hulme, Benjamin Franklin, G-ss	
.....	Paris, Idaho
Hunn, Frances, ap-F	Provo
Hunn, Spencer S., A-F	Provo
Hunt, Arthur S., A-F	
.....	Pine, Arizona
Hunter, Cyrus Russon, e-J	
.....	Oakley, Idaho
Hunter, Quentin Farr, A-F	
.....	Oakley, Idaho
Huntington, Mary, A-F	Springville
Huntington, Stanley, ss	Castle Dale
Hurd, June, fa-So	
.....	Hill Spring, Alta., Canada
Hurst, Florence, ap-So	
.....	Panguitch
Hurst, Margaret, fa-So	Panguitch
Hurst, Mildred June, C-F	
.....	Sanderson, Texas
Hurst, Phyllis, G-ss	
.....	Los Angeles, Calif.
Hutchings, Brian LaMar, A-S	
.....	Midvale
Hutchings, Eunice Laurel, e-So	Lehi
Hutchings, Stanley Arthur, A-So	
.....	Midvale
Hvala, Louise, A-So	Salt Lake City
Hyland, Bernice, e-J	Hooper
Hylton, Edith, ap-Un	Heber City
Imlay, LeRoy Clark, A-F	Grantsville
Imlay, Luetta, e-J	Hurricane
Ipsen, Allen Loren, A-F	
.....	Bennington, Idaho
Ipsen, Donald, A-So	
.....	Bennington, Idaho
Isaksen, Henry Leo, A-J	
.....	Mountain View, Calif.
Isbell, Dean J., fa-S	Richfield
Iverson, Ivan Charles, C-J	Provo
Ivie, Carl, ap-F	Tabiona
Ivins, Anthony Hamblin, ap-F	Provo
Ivins, Bertha H., ap-Sp	Provo
Jackson, Elvon Gee, A-S	
.....	Boulder, Colorado
Jackson, Genevieve, e-So	Provo
Jackson, Louise, ap-So	Provo
Jackson, Martin, ap-F	Provo
Jackson, Norma, e-S	
.....	Boulder, Colorado
Jackson, Revo, ss	Teasdale
Jackson, Vereda, ap-F	Loa
Jacob, Milton E., ap-S	Provo
Jacob, Norman Allen, C-Sp	Provo
Jacobs, Bennett Harry, C-J	
.....	Rockland, Idaho
Jacobs, Briant Stringham, A-J	
.....	Mount Pleasant
Jacobs, Henry Chariton, ap-S	
.....	Mount Pleasant
Jacobs, Madge Arnold, fa-S	Provo
Jacobs, Mary, C-F	
.....	Pleasant Grove
Jacobson, Glory Adeline, e-F	Provo

Johansen, Mable, C-So
 Woolford, Alta., Canada
 Johansen, Nellie, ap-So
 Woolford, Alta., Canada
 Johansen, Oral Eugene, e-So.....
 Castle Dale
 Johansen, Verl, A-Un
 Lethbridge, Alta., Canada
 Johansen, Verl E., ss.....Mt. Pleasant
 Johns, Elmer W., e-J.....Ogden
 Johnson, Afton, fa-SoProvo
 Johnson, Alton Maurice, A-Un.....Vernal
 Johnson, Arnold Carleton, A-So.....
 Lavell, Wyoming
 Johnson, Bernard Hyrum, ss
 Nampa, Idaho
 Johnson, Bessie, fa-FProvo
 Johnson, Beth, fa-F.....Circleville
 Johnson, Cleoma, C-SoElsinore
 Johnson, Dorothy Carolyn, e-J.....Nephi
 Johnson, Eda Idell, fa-F.....Fillmore
 Johnson, Ethel, e-JEphraim
 Johnson, Frank Peter, A-FProvo
 Johnson, Fred D., A-SoProvo
 Johnson, Fred L., C-So
 Richfield, Idaho
 Johnson, George Edwin, ap-So.....Provo
 Johnson, Gwen, fa-FRichfield
 Johnson, Herbert, A-FProvo
 Johnson, Howard Melvin, ap-F.....
 Springville
 Johnson, Irvin Ludvig, ap-So.....Provo
 Johnson, J. Mack, A-FBenjamin
 Johnson, L. LaVan, A-JPayson
 Johnson, La Neve, A-F.....Moab
 Johnson, LaVell F., ssProvo
 Johnson, Lloyd Magnas, A-F.....
 Lakeside, Arizona
 Johnson, Lora M., ssMoab
 Johnson, Margaret Elizabeth, e-J..
 Provo
 Johnson, Martha F., e-Sp.....
 Pleasant Grove
 Johnson, Martha J., A-FMoab
 Johnson, Maureen M., G
 Las Vegas, New Mexico
 Johnson, Nelda, fa-JSpringville
 Johnson, Ralph Doran, C-Un.....Provo
 Johnson, Ray, C-FLeamington
 Johnson, Robert O., A-JLehi
 Johnson, Rulon Heber, A-F.....Provo
 Johnson, Ruth Amanda, e-So.....Manti
 Johnson, Steve B., A-S.....
 Marysville, Calif.
 Johnson, Van, fa-So
 Cowley, Wyoming
 Johnson, Wanda, G-ssVernal
 Johnson, Wilford T., ss.....
 Spanish Fork
 Johnson, Zola, e-JHuntington
 Johnston, Helen Marbra, e-So.....
 American Fork
 Johnston, James Delwin, A-F.....
 Blackfoot, Idaho
 Jolley, Calvin Barnson, A-So.....
 Long Beach, Calif.

Jolley, Eileen, e-F	Provo
Jones, Alice G-ss	Provo
Jones, Andrew Jackson, ss	Sandy
Jones, Blanche, fa-Un	Provo
Jones, Catherine, Sp	Eureka
Jones, Calvin Elmar, C-F	Provo
.....	Byron, Wyoming
Jones, Dessie Emma, e-J	St. George
Jones, Dixon, C-F	Portland, Oregon
Jones, Elroy, Sp	Price
Jones, Emil Obie, C-J	Salt Lake City
Jones, Etta, ss	Provo
Jones, Irene, ap-F	American Fork
Jones, Jay Petty, e-F	Provo
Jones, LaVar, A-So	Byron, Wyoming
Jones, Leslie William, C-F	Provo
.....	Evanston, Wyoming
Jones, Louise, ss	Malad, Idaho
Jones, Maurice Albert, G	Provo
Jones, Maurice Ellis, fa-F	Payson
Jones, Que D., C-F	Byron, Wyoming
Jones, Ruth, fa-Un	Provo
Jones, Sara, Sp	Malad, Idaho
Jones, Saxon M., e-F	Ioka
Jones, Shadrach H., e-S	Provo
Jorgensen, Brandt Davis, G-ss	Kanab
Jorgensen, Calva, e-J	Leota
Jorgensen, Dorothy, e-F	Price
Jorgensen, Pearl, ss	American Fork
Jorgensen, Rea Wilson, ss	Kanab
Jorgenson, Everett Mylo, E-S	Peoa
Joseph, John Franklin, ss	Beaver City
Joseph, Kenneth Marsden, A-F	Provo
.....	Parowan
Judd, Mildred, C-F	La Verkin
Judkins, Leonard Newell, G-ss	Provo
.....	Rigby, Idaho
Justesen, Bernice, ss	Spring City
Kapple, Betty Lou, ap-F	Payson
Kartchner, Fred D., Sp	Provo
Kaye, Beth, C-F	Eureka
Kearl, James Wayne, A-So	Provo
.....	Cardston, Alta., Canada
Kearl, Merlin Katherine, C-So	Provo
.....	Cardston, Alberta, Canada
Keele, Vern Warner, A-So	Provo
.....	Spanish Fork
Keeler, Virginia Bowles, fa-Sp	Provo
Keller, Lillian Shirley, fa-F	Provo
.....	Phoenix, Arizona
Keller, Vivian, fa-F	Manti
Kelley, Bernice, fa-So	Shelley, Idaho
Kelley, Irving Berry, A-J	Provo
.....	West Harwich, Mass.
Kelly, Bruce, e-F	Las Vegas, Nevada
Kelly, Cornelia C., ap-So	Provo
.....	St. Anthony, Idaho
Kelly, Ralph Sanford, A-S	Provo
.....	St. Anthony, Idaho
Kemp, Kelvin Richard, A-F	Murray
Kemp, Starr Gideon, fa-F	Provo
.....	Colorado Springs, Colorado
Kempton, Howard William, A-So	Provo
.....	Payson
Kennedy, Otto Reay, C-J	Randolph
Kennington, Genoa, ap-F	Provo
.....	Preston, Idaho
Kerley, Richard J., C-So	Provo
.....	Tuba City, Arizona
Kesler, June Harriette, A-So	Provo
Kettle, Ora Ann, ap-F	Roosevelt
Killian, George W., e-S	Orangeville
Killpack, Marjorie, e-J	Provo
.....	Idaho Falls, Idaho
Killpack, Merlin Leo, A-Sp	Provo
Killpack, Reece Alexander, C-F	Provo
.....	Ferron
Kimball, Althea A., G-ss	Provo
Kimball, C. Rodney, A-Sp	Provo
Kimball, Edwin Roberts, G	Provo
Kimball, Gwen Roberts, e-So	Draper
Kimball, LeNeve M., A-Sp	Provo
Kimball, Thomas Lloyd, ap-J	Provo
.....	Phoenix, Arizona
Kimber, Afton H., e-F	Provo
Kindred, Ted Ross, A-So	Springville
King, Dale G., ap-F	Grace, Idaho
King, Dwight Lyman, C-J	Provo
Kirk, Erva, A-F	Pleasant Grove
Kirk, Wayne Cassity, fa-F	Tooele
Kirkham, Bessie, G	Provo
Kirkham, Mary, e-So	Provo
Kirkham, Ned, C-So	Salt Lake City
Kirkham, Ralph Nathan, fa-S	Provo
Kitchen, Hazel Margaret, ap-So	Provo
Kjar, Maurine, ap-S	Manti
Klemme, Bob Allen, e-So	Provo
.....	Bozeman, Montana
Klingler, Karl Cardon, A-J	Provo
.....	St. Anthony, Idaho
Kloth, William James, A-J	Provo
.....	Huntington Park, Calif.
Knaphus, Ned Donald, C-F	Richfield
Knott, Emelia Danielsen, G-ss	Provo
.....	Council Bluffs, Iowa
Knowlton, Bryant Sutton, G-ss	Provo
.....	Grantsville
Knowlton, Ester, ap-F	Layton
Knudsen, Beth Leone, e-J	Provo
Knudsen, Donna Merline, e-F	Provo
Knudsen, Eudora, ap-J	Lehi
Knudsen, Glenn Eldon, C-F	Provo
Knudsen, Leola, e-J	Provo
Knudsen, Moyle, e-J	Portage
Knudsen, (Ames) Russel, A-F	Lehi
Koch, Leslie Charles, A-So	Provo
.....	Salt Lake City
Kocherhans, Lavor Parry, C-S	Provo
Kreisman, Arthur, A-F	Provo
.....	Roxbury, Mass.
Krueger, Beth, Marie, A-S	Provo
.....	Spanish Fork
Krueger, Grace Letetia, ss	Provo
.....	Spanish Fork
Kump, LaVar, e-S	Provo
Lacy, Glenn Bentley, C-Sp	Bountiful
Lake, Boyd Carroll, fa-F	Oakley
Laker, Willard E., G-ss	Price
Lallatin, Vivianne, A-F	Provo
.....	Soda Springs, Idaho

Lambert, Carlyle Ballif, A-S	Provo
Lambert, Edith Marelle, C-Sp	Provo
Lambert, Florence B., ss	Provo
Lambert, James Everard, C-S	Provo
Lambert, Maurice C., A-J	Roosevelt
Lambert, Merial Clark, C-Un	
..... San Francisco, Calif.	
Lambert, Paul Woodbury, A-F	
..... Salt Lake City	
Lambert, Theron, G	Roosevelt
Lamph, Max D., C-So	Provo
Lancy, Theon, A-F	Springville
Langston, Grant, e-S	Rockville
Larsen, Alice Myrup, ss	Ouray
Larsen, Celia G., e-S	Provo
Larsen, Don, C-So	Spanish Fork
Larsen, Don Hyrum, A-So	Provo
Larsen, H. Gordon, G	Provo
Larsen, Harold S., C-S	Sandy
Larsen, Herbert Rex, A-S	
..... Heyburn, Idaho	
Larsen, Ilene Sara, e-F	Cleveland
Larsen, Jay Reed, ap-F	Fairview
Larsen, Marion R., A-J	
..... Rexburg, Idaho	
Larsen, Max Walter, fa-F	Monroe
Larsen, Nedra, C-F	Provo
Larsen, Norma, e-So	Elko, Nevada
Larsen, Ronald F., A-S	Provo
Larsen, Thomas Calvin, A-So	
..... Pleasant Grove	
Larsen, Va Netta, ss	Mt. Pleasant
Larson, Arvid D., ss	Cleveland
Larson, Elwood A., e-So	Cleveland
Larson, L. LaMar, A-So	Gunnison
Larson, Preston, e-J	St. George
Larson, Ross Tolman, A-F	
..... Oakley, Idaho	
Larson, Sterling C., G-ss	Richmond
La Turner, Belle, A-F	Huntington
Law, Elcee, e-S	Delta
Law, Glen Arthur, fa-F	Springville
Lawlor, Francis Earl, A-So	
..... Picture Butte, Alta., Canada	
Laws, Elroy Devon, A-So	Provo
Laws, L. Kenneth, A-F	Provo
Laws, Wilford Derby, A-J	Blanding
Laycock, Harold Redd, G-ss	
..... Lethbridge, Alta., Canada	
Laye, Rhoda, e-J	Richfield
Layton, Lucile H., ap-So	Layton
Leak, Irene, e-F	Midvale
Leary, Vera, C-F	Santa Paula, Calif.
Leatherbury, Jack, A-So	Eureka
Leavitt, Hafen W., ap-J	
..... Mesquite, Nevada	
Le Baron, Arthur Bentley, C-So	
..... Barn., Alta., Canada	
Le Baron, Owen Donald, A-F	
..... Barnwell, Alta., Canada	
Le Beau, Boneta Elmaida, A-S	
..... Roosevelt	
Le Beau, Lavar Ina, e-So	Roosevelt
Lee, Arshal A., ap-F	Panaca, Nevada
Lee, Dwight, A-F	Malta, Idaho
Lee, Harold W., G	
..... Cardston, Alta., Canada	
Lee, Idonna, fa-So	Idaho Falls, Idaho
Lee, Lorine, A-Sp	Provo
Lee, Rachael Low, e-J	Provo
Lee, Virginia F., fa-S	Provo
Lees, Thelma Irene, A-S	
..... Los Angeles, Calif.	
Le Fevre, Earl, A-F	Panguitch
Le Fevre, Reginald, E-F	Midvale
Lemon, Searl Alvin, A-F	Roosevelt
Lentz, Orabel, Sp	Provo
Leonard, E. Guy, ss	Huntington
Leonard, Ronald J., ss	Huntington
Leonard, Wilson Drew, C-J	
..... Huntington	
Lessing, Barbara Rae, ap-F	Beaver
Le Sueur, Waldo Young, A-J	
..... Mesa, Arizona	
Levi, Milbert, ss	Idaho Falls, Idaho
Levin, Stella, C-Sp	Provo
Lewis, Ben E., C-So	Salt Lake City
Lewis, Edwin S., ap-F	Provo
Lewis, George Lowell, fa-F	
..... Preston, Idaho	
Lewis, H. LeGrande, A-J	Monroe
Lewis, John Dean, C-S	Provo
Lewis, Lorean, e-J	Overton, Nevada
Lewis, Russell D., C-F	Provo
Lewis, Walter Malin, C-So	
..... Salt Lake City	
Liechty, Carrol Brigham, A-F	
..... Springville	
Liechty, Louise Martha, e-So	Provo
Lillywhite, John Phillip, G-ss	
..... Brigham City	
Lindley, Carl A., fa-So	Provo
Lindsay, Areva, e-So	Heber
Lindsay, Charlotte, C-J	
..... Phoenix, Arizona	
Lindsay, Vilate, e-F	Heber
Linebaugh, Francis Kayle, e-F	
..... Pleasant Grove	
Linebaugh, Lecta Lou, A-F	
..... Pleasant Grove	
Little, Harriet F., ss	Magna
Livingston, Faun, ss	Provo
Livingston, Marietta, ap-So	Provo
Lloyd, Doris, e-F	American Fork
Lloyd, Evelyn, e-F	Provo
Lloyd, Vaughn Leo, e-S	Riverton
Lodge, Patricia, e-S	Tooele
Losee, Warren E., e-S	Provo
Lott, Keith D., ap-F	Lehi
Loveland, La Vere M., A-J	
..... Rupert, Idaho	
Loveless, Austin Gudmud, ap-F	
..... Copperton	
Loveless, Helen, fa-J	Copperton
Lovell, La Forge A., C-So	
..... Leamington	
Loveridge, Richard Leroy, C-J	
..... Springville	
Low, Beth, C-So	
..... Cardston, Alta., Canada	

Lowry, Rulon W., e-J	Provo
..... Taylorville, Alta., Canada	
Luce, Willard Ray, e-J	Price
Luncexord, Clyde, ap-So	Provo
Ludlow, Bert Jones, C-So	
..... Spanish Fork	
Ludlow, Lavinia, C-J	Spanish Fork
Lund, Hazel, e-J	Ephraim
Lund, Vernon Douglas, C-F	
..... Mount Pleasant	
Lundquist, Earl B., C-S	Ogden
Lundquist, Junior, G	Ogden
Lundquist Ruth Olive, A-J	Ogden
Lunt, Jane, e-F	Nephi
Lybbert, Daniel Harden, C-Un	
..... Glen., Alta., Canada	
Lyman, Angie F., ss. Lyman, Wyoming	
Lyman, Edith Gee, e-G	Provo
Lyman, Willis J., G-ss	
..... Lyman, Wyoming	
Lyon, George E., A-F	Vernal
Lyon, William Jennings, A-So	
..... Hastings, Nebraska	
McAfee, Boyd Harmon, e-So	Provo
McAfee, Don B., fa-F	Provo
McAllister, Brigham Wells, G-ss. Price	
McAllister, Dorothy, ap-J	
..... Spanish Fork	
McAllister, Eleanor, C-F	
..... American Fork	
McAllister, Lucille, ap-F	
..... Santa Barbara, Calif.	
McAllister, LuZene W., e-J	Kanab
McBeth, Naomi Tietjen, G-ss	
..... Santaquin	
McBeth, Paul M., e-S	Payson
McBride, Max Elliott, A-F. Grantsville	
McCaffery, Virginia Manchester, Sp	
..... Provo	
McCamish, David Alfred, A-F	
..... Belle Fourche, S. Da.	
McClanahan, Owen Clyde, A-So	
..... Castle Dale	
McCleve, Myrna, e-F	
..... Holbrook, Arizona	
McConkie, Ruth, A-F	Moab
McCullough, Barbara Wilmetta, e-S	
..... Ouray, Colorado	
McCune, Ruth, C-J	Ogden
McDougal, James Lorne, e-Sp	
..... Campbellsport, Wis.	
McElprang, Bertha Mae, A-F	
..... Huntington	
McEwan, Joseph Woodruff, C-S	
..... Salt Lake City	
McFarlane, Mary Malinda, e-F	
..... Cleveland	
McGregor, Mary, G	Provo
McGuire, Dorothy, A-J	Provo
McIntire, Junius M., A-So	Price
McIntosh, Edwin J., ap-Un	
..... Mount Pleasant	
McKay, Donald Shorten, fa-J	Ogden
McIntosh, F. Fern, e-J	
..... Mount Pleasant	
McKee, Lynne Curtis, A-F	Vernal
McKell, Mary Celia, ss	Provo
McKell, Mark Allen, C-So	
..... Spanish Fork	
McKenzie, Wm. Howard, A-S	
..... Springville	
McKnight, James Clayton, C-F	
..... Moreland, Idaho	
McLesse, William Arnott, C-F	
..... Salt Lake City	
McMullin, DeLoy, C-J	Midvale
McMurray, Wendell, C-F	
..... Oakley, Idaho	
McNeill, Affra, C-F	
McOmie, Clara Petersen, e-J	Lark
McPhee, Mary Lucille, e-F	
..... Calgary, Alta., Canada	
McPherson, Jane A., ss	Nephi
McPhie, Hazel M., ss	Provo
McTague, Wayne Robinson, e-So	
..... American Fork	
Mabey, Sarah, C-F	Bountiful
Macdonald, Brigham Riggs, e-F. Kanab	
Macfarlane, Geraldine, fa-F	
..... Pleasant Grove	
Mackay, Ella Mabel, C-Un	
..... Salt Lake City	
Mackay, LaVelle, ap-F	Murray
Madsen, Allan, ap-So	Fairview
Madsen, Beth, e-J	Manti
Madsen, Beulah Verena, fa-F	
..... Riverton	
Madsen, E. Coleman, ap-F	Provo
Madsen, Eva, ss	Provo
Madsen, Evan Andrew, G-ss	
..... Safford, Arizona	
Madsen, Howard Fred, a-J	
..... Mount Pleasant	
Madsen, Marion, ap-F	Manti
Madsen, Neola E., G-ss	Provo
Madsen, Parley, William Jr., A-F	
..... Provo	
Madsen, Russell J., ap-J	Provo
Madsen, Ted Eugene, C-F	Fairview
Madsen, Thelma, e-J	Heber
Magleby, Burns E., C-J	
..... American Fork	
Magleby, Ward H., e-J	Monroe
Mahoney, Denton Thomas, A-F. Heber	
Mallory, Gladys Call, G-Sp	
..... Afton, Wyoming	
Mallory, John Charles, G-ss	
..... Afton, Wyoming	
Mangelson, CoDeal, e-F	Levan
Mangum, William Lester, C-F	Provo
Manwaring, Everett A., A-F	Vernal
Marchant, Elloyd Tippetts, fa-So	
..... Cowley, Wyoming	
Marchant, Erma, e-J	Peoa
Marchant, Hazel M., e-J	Peoa
Marchant, Mary, e-J	Peoa
Marchant, Moroni A., ap-Sp	Peoa
Marchant, Preston Thomas, ap-F. Peoa	
Markham, Mae, e-S	Spanish Fork
Marriott, Helen Rosemarie, A-J. Ogden	
Marrott, Ray Lewis, A-F	Provo

Marsden, Althea, G.	Cardston, Canada
Marsh, Edith, e-S	Alpine City
Marshall, Helen, C-F	Provo
Marshall, Mildred, e-F	Panguitch
Martell, Wanda Louise, ap-F	Fort Pierce, Florida
Martin, Flora Helen, ap-So	Ronan, Montana
Martin, James Paxman, ap-S	Provo
Martin, Joseph Eddy, A-J	Menan, Idaho
Martin, Mac, A-F	Oakley, Idaho
Martineau, Carl Pierre, fa-Sp	Provo
Martineau, Florence, ss	St. Anthony, Idaho
Martineau, June, G.	Pocatello, Idaho
Mason, Ferrol D., A-F	Provo
Mason, LaMar, ss	Ogden
Mason, Lorraine, e-Un	Aurora
Mathews, Freeda, A-So	Panaca, Nevada
Mathews, Kate, ss	Provo
Mathis, Elizabeth Mary, ap-F	Price
Mathis, Fae, e-J	New Harmony
Mathis, Leslie Albert, A-F	Price
Mathis, Max Dilworth, A-F	Price
Maugham, Angus M., G-ss	Richfield
Maughan, Vivian, Sp	Ogden
Maxwell, B. Alva, G-ss	Circleville
Maxwell, Lin V., ap-S	Eagar, Arizona
Maxwell, M. Eldridge, G-ss	Eagar, Arizona
Maxwell, Mary Holbrook, ss	Circleville
May, Chester H., C-S	Rupert, Idaho
May, Rhoda Beth, C-F	Cardston, Alta., Canada
Mayer, Charlotte Louise, ap-So	Manderson, Wyoming
Maynard, Kenneth Henry, e-F	Riverton
Mayne, Steven Lynn, A-F	American Fork
Mead, Elwood, A-F	Boulder City, Nevada
Mecham, Dee S., C-F	Wallsburg
Mecham, Lorna, A-So	Provo
Meeks, Gladys, C-So	Bicknell
Meeks, Margaret, ap-So	Bicknell
Melling, Virginia, fa-J	Lehi
Meldrum, Ida, A-F	Kaysville
Meldrum, Velma, ss	Raymond, Alta., Canada
Mellor, Merrill Paul, ap-F	Fayette
Memmott, LaPrele, C-J	Provo
Mendenhall, Dean, C-F	Provo
Mendenhall, Max D., fa-J	Provo
Meredith, Cleo Joanne, C-So	Belle Fourche, South Da.
Menzies, Lila, ap-S	Provo
Mensel, Marjorie Delight, fa-So	Provo
Merkley, Royal R., A-F	Tridell
Merrill, Bently Charles, C-Sp	Provo
Merrill, Dean Joseph, ap-F	Payette, Idaho
Merrill, Eliza D., fa-Sp	Provo
Merrill, Harriet, e-J	Smithfield
Merrill, Marjorie E., e-So	Richmond
Merrill, Paul J., A-J	Provo
Merrill, Ruby, e-F	Provo
Merrill, Vernon Newlove, G.	Price
Merrill, Zeela Moody, G-ss	Price
Merryweather, Atha, ap-J	Cedar City
Metcalf, Marvin Earl, C-So	Idaho Falls, Idaho
Meyrick, Verl, ss	Mount Pleasant
Mickelsen, Gail, e-J	Draper
Mildenhall, Ruthe, e-So	Provo
Miller, A. Woodruff, ap-J	St. Anthony, Idaho
Miller, Alma Glenn, ss	Magrath, Alta., Canada
Miller, Annabell, ss	American Fork
Miller, Betsy, fa-F	Hyrum
Miller, David Eugene, G-ss	Syracuse
Miller, Frances C., ap-Sp	Provo
Miller, George Lewis, e-J	Tremonton
Miller, LaVell C., A-F	Mohrland
Miller, Lowell Storrs, A-So	Provo
Miller, Vivienne P., e-J	Basin, Wyoming
Miller, Wayne, A-F	Springville
Miller, William Delmer, C-F	Claresholm, Alta., Canada
Millet, Floyd, G	Provo
Mills, Joseph Ray, A-So	Pleasant Grove
Milner, Ruby Jeanne, A-So	Wellington
Miner, Delbert Lamar, A-S	Provo
Miner, Fred Reid, C-S	Magna
Miner, Harold Paul, C-So	Springville
Miner, Harriett, A-S	Springville
Miner, J. Edwin, e-So	Fairview
Miner, Leah, C-F	Fairview
Miner, Mary, A-So	Philadelphia, Penn.
Miner, Thais, C-F	Provo
Mines, Herman Gayle, e-S	Murray
Mitchell, Katherine, ss	Provo
Mitchell, L. Wm., Sp	Provo
Mitchell, Robert Brown, e-So	Parowan
Moe, Edward Owen, C-S	Provo
Moe, Mildred Lane, A-Sp	Provo
Moffit, Jane, e-J	Castle Dale
Moffat, Max Herbert, C-J	Los Angeles, Calif.
Moffitt, Mayna, A-F	Provo
Moffitt, Melba, e-J	Orangeville
Monson, A. Bardell, A-So	Pleasant Grove
Montgomery, Lecia Elaine, e-So	Heber
Montgomery, Louise, e-S	Corpus Christi, Texas
Montgomery, Victor Ray, ap-F	Heber
Moody, Edgar R., G-ss	Milford
Moody, Milton Ward, G-ss	Delta
Moody, Virginia, e-J	St. George
Moon, Dora, ap-S	Hanna
Moon, Marjorie, e-J	Hanna
Moore, Eleanor, ap-J	Spanish Fork

Moore, Lenord Daniel, A-So.....	Provo
..... Spanish Fork	
Moore, Walter Harvey, G	Provo
..... Spanish Fork	
Moorefield, Robert Sutton, A-F.....	Provo
Moran, Tim, C-F	Spanish Fork
Morby, Jean, ap-F.....	Pleasant Grove
Morgan, Ralph John, e-S	Spanish Fork
..... Spanish Fork	
Morrell, Helen C., ss	Lyman
Morrell, Katherine, fa-So.....	Ogden
Morrill, Horace LeRoy, e-F.....	Tridell
Morrill, Lynne, e-F	Tridell
Morris, Rachel P., ap-Sp.....	Provo
Mortensen, Arthur Marion, fa-Un.....	Venice, Calif.
..... Venice, Calif.	
Mortensen, Chris Ivon, C-J.....	Riverton
Mortensen, Muriel Mae, e-F.....	Cleveland
Moser, Al Eugene, C-F.....	Denver, Colorado
..... Denver, Colorado	
Moss, Jas. E., G-ss.....	Salt Lake City
Moss, James Wayne, G-ss.....	Ogden
Moss, Wardell Harmon, A-J	Iona, Idaho
..... Iona, Idaho	
Mousley, Ella, e-S	Riverton
Mower, Doris, C-F	Provo
Mower, Harold Jerome, A-S.....	Provo
Mower, Marvin Lavern, A-F.....	Fairview
Mower, Orson W., C-S.....	Ogden
Moyes, David Ivan, A-F	Murtaugh, Idaho
..... Murtaugh, Idaho	
Muhlestein, Sterling R., A-So.....	Provo
Muhlestein, Wanda, fa-Un.....	Provo
Munk, Carol, fa-So	Manti
Munk, Orpha, ss	Manti
Munk, Vera, fa-F.....	Manti
Munns, Ruth, ss	Tremonton
Munson, Voyle, A-J	Escalante
Murchison, Gertrude, Sp	Provo
Murdoch, Carlisle, e-J	Beaver
Murdock, Effie Morton, ss.....	Heber
Murdock, Elaine Frances, e-F.....	Blackfoot, Idaho
..... Blackfoot, Idaho	
Murdock, Elroy, e-So	Provo
Murdock, Maurine, fa-S	Provo
Murphy, Thelma Sanderson, e-S.....	Fairview
..... Fairview	
Murri, Lois Elda, e-S	St. Anthony, Idaho
..... St. Anthony, Idaho	
Murry, Mark Hanna, C-J.....	Provo
Myers, Edna, C-Un	Provo
Myers, Ethelyn M., C-So.....	Provo
Myrup, Edna, A-F	Ouray
Nance, LuDema, Sp.....	Idaho Falls, Ida.
Nash, June Hurly, e-F	Provo
Naylor, Joseph Alan, C-J.....	Bountiful
Neill, Jeanne, A-So.....	Springville
Nelson, Anna, ss	Provo
Nelson, Dona, ss	Spanish Fork
Nelson, Earl Worthen, A-S.....	Rexburg, Idaho
..... Rexburg, Idaho	
Nelson, Gladys Sorenson, ss.....	Provo
Nelson, Harold S., G-ss.....	Brigham City
Nelson, Lena, ss	St. George
Nelson, Lynn A., A-J.....	Provo
Nelson, Marjorie, ap-Sp	Provo
Nelson, Milton Andrew, G-ss.....	Provo
Nelson, Nadene Alleen, e-F.....	Ferron
Nelson, Charlotte, fa-S.....	Taylor, Ariz.
Nelson, Clifford, fa-S	Provo
Nelson, Kenneth Peter, e-So.....	Ferron
Nelson, LeGrand L., C-Sp.....	Provo
Nelson, Leona, A-S	Elberta
Nelson, Marion, e-J	Springville
Nelson, Maurine, e-J	Springville
Nelson, Owen, ss	Draper
Nelson, Ray Conder, A-So.....	American Fork
..... American Fork	
Nelson, Vince Young, A-F	Rexburg, Idaho
..... Rexburg, Idaho	
Nelson, Willard Call, A-So.....	Provo
Nelson, Winifred J., fa-So.....	Ferron
Nelson, Wyla Johnson, A-Sp.....	Provo
Neves, Vera Moe, e-F.....	Burlington, Wyoming
..... Burlington, Wyoming	
Neville, Sherrill W., C-S	Salt Lake City
..... Salt Lake City	
Newcomer, Vincent, fa-S	Morgan
Newell, Jane Alice C-So.....	Provo
Newell, Mervin Clark, e-J.....	Mona
Newell, Wm. Lynn, ap-J.....	Provo
Newey, Ernest Newton, C-S.....	Ogden
Newren, Alfred Leon, A-F.....	Provo
Nicholes, Eleanor Louise, G-ss.....	Provo
Nicholes, Joseph Kelly, G-ss.....	Provo
Nicholes, Max Maiben, ap-J.....	Provo
Nicholes, Ruth, e-F	Provo
Nichols, Maxine, ss.....	Rexburg, Idaho
Nicholson, Jennie, ss.....	Filer, Idaho
Nickerson, Sarah, fa-J.....	Grantsville
Nickle, Albert J., A-F	Delta
Nielson, Alta Lorraine, C-F.....	Salt Lake City
..... Salt Lake City	
Nielson, Earl LaMar, ss	Vernal
Nielson, Elmer A., ss.....	Castledale
Nielson, Eve, e-F	Manti
Nielson, Ida, A-F.....	American Fork
Nielson, Ida Ellenor, ap-F.....	Mount Pleasant
..... Mount Pleasant	
Nielson, Ione, ap-F	Mapleton
Nielson, J. Grant, C-J.....	Springville
Nielson, James Emeal, ap-So.....	Salina
Nielson, Jean, e-So	Hyrum
Nielsen, Lalia Mary, ap-So	Idaho Falls, Idaho
..... Idaho Falls, Idaho	
Nielsen, LaRee, e-So	Hyrum
Nielson, McKay, A-J	Washington
Nielsen, Merlin O., ap-F	Moroni
Nielsen, Richard Lee, C-F	Salina
Nielson, R. Lamont, G-ss.....	Roosevelt
Nielson, Ross, F., C-F.....	Fairview
Nielson, Ross Taylor, C-So.....	Richfield
Nielson, Wayne J., A-F.....	Shelley, Idaho
Nims, Curtis Rhodes, A-Un.....	Provo
Nisson, Antone, G	Provo
Nixon, Grace Lea, A-F	Castle Dale
Norton, Dexter George, A-F.....	Provo
Norton, A-F	Murray
Noyes, Jos. Reed, ss.....	Ephraim
Nuttall, Winifred Randall, A-So.....	Boise, Idaho
..... Boise, Idaho	

Oakden, Hortense, e-So.....	Beaver	Packard, Hannah Condie, G-ss.....	Provo
Oaks, Eunice, C-So.....	Vernal	Packard, Jane, fa-J.....	Provo
Oaks, Iris, C-F.....	Vernal	Pagano, Josephine, ss.....	Price
Oberhansly, Bernard Clyde, ap-Un.....	Neola	Page, Cora Verene, ss.....	Payson
.....	Roosevelt	Page, Florence, A-F.....	Payson
Oberhansly, Phyllis Hazel, fa-S.....	Ogden	Page, Frank, e-F.....	Goshen
.....	Richfield	Page, Irene Wrathall, ss.....	Salt Lake City
Odell, Alys, fa-F.....	Mt. Pleasant	Page, Mildred, ap-So.....	Payson
Ogden, Max, A-F.....	Fairview	Page, Thelma, e-F.....	Goshen
Oldham, Fern, e-F.....	Fountain Green	Palfreyman, Bernice, ap-So.....	Springville
Oldroyd, Golden C., Sp.....	Venice	Palfreyman, Warwick C., ap-S.....	Springville
Oldroyd, Irvin, Peter, ss.....	Provo	Palmer, Donna, A-J.....	Salt Lake City
.....	Provo	Pardoe, Catherine, A-F.....	Provo
Oldroyd, Reed Irvin, A-J.....	Provo	Pardoe, Kathryn B., ss.....	Provo
.....	Provo	Pardoe, Wm. Edward, C-J.....	Provo
.....	Payson	Parker, Iris, A-So.....	Joseph
Oldroyd, Una, e-F.....	Provo	Parker, Mary, ss.....	Draper
Oliphant, Elgin, A-S.....	Provo	Parker, Olive, fa-F.....	Draper
Ollerton, Marion E., A-F.....	Provo	Parkin, Wayne Carlos, ap-So.....	Basin, Wyoming
Olsen, Anna, ap-S.....	Provo	.....	Basin, Wyoming
Olsen, Chester Leon, A-F.....	Provo	Parrish, Chloe, e-Un.....	Farmington
Olsen, Crista, Sp.....	Provo	Parrish, Josephine, fa-So.....	Peterson
Olsen, Dean E., ap-S.....	Provo	Parrish, Mary, e-J.....	Peterson
Olsen, Dean Lewis, ap-F.....	Provo	Parrish, Wilma, e-So.....	Myton
Olsen, Garn J., ss.....	Spring City	Partridge, Louise R., Sp.....	New York City
Olsen, Georgia, Sp.....	Fairview	.....	New York City
Olsen, Geraldine, C-F.....	Provo	Paton, Elva Aneta, C-F.....	Preston, Idaho
Olsen, H. Lowell, A-S.....	Provo	.....	Preston, Idaho
Olsen, Harry Adolph, C-F.....	Magna	Patrick, Louise, fa-So.....	Springville
Olsen, J. Lee, e-J.....	Salt Lake City	Patten, Frank Earnest, e-Un.....	Elberta
Olsen, John Glade, ap-F.....	Payson	Patterson, Peggy, e-F.....	Spanish Fork
Olsen, Richard D., C-F.....	Neola	Paul, Ardelle, e-J.....	Rexburg, Idaho
Olsen, Sterling Robertson, A-S.....	Spanish Fork	Paxman, Annie S., fa-Sp.....	Provo
.....	Manti	Paxman, Margaret, fa-F.....	Provo
Olsen, Thera Lou, ss.....	Manti	Paxman, Monroe Junior, A-F.....	Provo
Olsen, Vern, ap-J.....	Beazer, Alberta, Canada	Paxman, Ruth, C-J.....	Provo
.....	Fairview	Payne, Albert Lynn, A-Sp.....	Provo
Olson, Boyd E., A-F.....	Payson	Payne, John W., G-ss.....	Salt Lake City
Olson, Christian Garth, C-S.....	Payson	Payne, Lucille, e-So.....	Burley, Idaho
Olson, Crista, ss.....	Payson	Peacock, Max J., e-J.....	Orangeville
Olson, Deon H., ap-F.....	Payson	Peacock, Morris William, ss.....	Orangeville
Olson, Jay Allred, C-J.....	Provo	.....	Orangeville
Olson, Rees Garn, fa-F.....	Payson	Peacock, Weltha, ss.....	Ogden
Orser, W. Dee, C-F.....	Roosevelt	Pearce, Wesley, G-ss.....	St. George
Oscarson, John S., G-ss.....	Marysville	Pearson, Daryl Howard, C-So.....	Delta
Ossmen, Elvin H., C-Un.....	Rigby, Idaho	Pearson, Earl L., A-F.....	Duchesne
Ostler, Fern, A-F.....	Springville	Pearson, Lee M., ap-F.....	Oakley
Oswald, Dale LeRoy, C-So.....	Idaho Falls, Idaho	Peart, Mearl C., G-ss.....	Randolph
.....	Iona, Idaho	Peay, Dean Spencer, fa-F.....	Benjamin
Oswald, Lois Thornton, A-S.....	Marysville	Peay, Floyd Aldon, fa-F.....	Benjamin
.....	Provo	Peel, Naomi Bernice, ss.....	Mt. Pleasant
Outzen, H. Clair, A-F.....	Ferron	Pehrson, Neal Garfield, A-F.....	Magna
Overly, Don Cornell, e-F.....	Kenilworth	Pendleton, Beth, ap-F.....	Provo
Overson, Moroni L., ss.....	.....	Perkins, Betty Fay, ap-F.....	.....
Owen, Frank, C-F.....	.....	Perkins, Allen John, C-F.....	Kaysville
.....	.....	Pendleton, Carol, A-J.....	Provo
Pace, Clarence El, e-So.....	Hoytsville	Perkins, Betty Fay, ap-F.....	.....
Pace, Elaine, C-F.....	Richfield	.....	Murtaugh, Idaho
Pace, Evelyn, ss.....	Boneta	Perkins, C. Blaine, G.....	Price
Pace, Joseph Leon, A-S.....	Provo	Perkins, Margaret Enid, ap-F.....	.....
Pace, Kathryn, ap-So.....	Provo	.....	Blanding
Pace, Pauline, A-S.....	Boneta	Perkins, Milton Lloyd, G.....	Gunnison
Pace, Raymond J., ap-F.....	Hoytsville	.....	.....
Pacheco, Manuel John, A-F.....	Junction, Colorado	.....	.....
.....	Logan	.....	.....
Pack, Bessie I., ss.....	Provo	.....	.....
Packard, Brien Dwight, A-F.....	.....	.....	.....

Perry, Lorin Edward, A-J.....	Salt Lake City
Perry, Miriam Colton, fa-So.....	Provo
Perry, Nihla Marie, fa-F.....	Vernal
Perry, Rolland, A-S.....	Provo
Peters, Cornell, ap-J.....	Provo
Peters, Violet, Sp.....	Provo
Petersen, Ione, e-F.....	Lark
Petersen, Louise, C-F.....	Salt Lake City
Petersen, Paul Andrew, fa-J.....	Ephraim
Petersen, R. Marie, e-F.....	Lyman, Wyoming
Peterson, Amanda Eva, C-Sp.....	Provo
Peterson, C. Ferrell, fa-J.....	Provo
Peterson, C. Ray, ss.....	Burley, Idaho
Peterson, Chesley Gordon, A-F.....	Santaquin
Peterson, Dan W., fa-J.....	Pleasant Grove
Peterson, Dean Andrew, C-S.....	Mt. Pleasant
Peterson, Edna, e-So.....	Spanish Fork
Peterson, Edsel Arlow, G.....	Hill Spring, Alta., Canada
Peterson, Elden Jay, C-F.....	Mount Pleasant
Peterson, Emma, ss.....	Santaquin
Peterson, Harold Franklin, e-F.....	Smoot, Wyoming
Peterson, Harold LeRoy, A-F.....	Provo
Peterson, Ila, e-F.....	Grace, Idaho
Peterson, Imelda, fa-So.....	Gunnison
Peterson, Jesse Goodva, A-So.....	Pleasant Grove
Peterson, Josephine P., G.....	Mount Pleasant
Peterson, LaNora, C-F.....	Spanish Fork
Peterson, Laurel, e-So.....	Flagstaff, Arizona
Peterson, Laurleen, ss.....	Oasis
Peterson, Leland Dean, e-S.....	Hill Springs, Alta., Canada
Peterson, Lorna, e-So.....	Boulder
Peterson, Lyman Willard, ap-F.....	Spanish Fork
Peterson, Mary Deane, e-F.....	Manti
Peterson, Narvin Wayne, G.....	Hill Springs, Alta., Canada
Peterson, Ophelia Orlene, fa-So.....	Salmon, Idaho
Peterson, Peter Knute, C-J.....	Salt Lake City
Peterson, Phil, A-F.....	Richfield
Peterson, Ray H., e-So.....	Provo
Peterson, Richard, C-So.....	Provo
Peterson, Richard Eugene, ss.....	Ephraim
Peterson, Stanley, ss.....	Spanish Fork
Peterson, Thomas C., C-Sp.....	Provo
Peterson, Vernon LeeRoy, A-F.....	Provo
Peterson, Virgil, ss.....	Pleasant Grove
Petty, Wesley, A-So.....	Rains
Phillips, A. LaVon, ss.....	American Fork
Phillips, Ada, e-So.....	Lehi
Phillips, Fawn Deloris, fa-F.....	Springville
Phillips, Gene Young, ss.....	Brigham City
Phillips, Martha Lavon, ap-F.....	Lehi
Phillips, Winifred, ss.....	Brigham City
Pickett, Ross, ap-J.....	Oakley, Idaho
Pickup, Clair B., C-S.....	Provo
Pierce, Berniece, e-F.....	Roosevelt
Pierce, Byron Walter, A-So.....	Spanish Fork
Pirce, Ephraim Claire, e-F.....	Torrey
Pierce, Merlin Done, C-S.....	El Paso, Texas
Pierce, Myrtle Stillman, ap-S.....	Salt Lake City
Pierce, Wendell Lothair, A-So.....	El Paso, Texas
Pierpont, Mildred Anna, C-So.....	Provo
Pintar, Mary, e-J.....	McGill, Nevada
Pipkin, Robert Lynn, ap-F.....	Monticello
Pitcher, Callis, ap-So.....	Cardston, Alberta, Canada
Pitt, Wallace, ap-S.....	Kamas
Pollen, Robert Quentin, e-So.....	Tacoma, Washington
Pond, Beth, fa-J.....	Fairfield, Idaho
Pond, Cleo, A-J.....	Fairfield, Idaho
Pope, Melvin Krahr, C-F.....	Richfield, Idaho
Porter, Laura, ap-F.....	Preston, Idaho
Postma, Clara, C-So.....	Provo
Potter, Margaret Scow, e-Sp.....	Lehi
Poulson, Ardis, e-So.....	Provo
Poulson, Enid, A-So.....	Richfield
Poulson, Helen Estelle, A-F.....	Provo
Poulson, Ina Carrie, A-F.....	Provo
Poulson, Lorna Anna, C-S.....	Richfield
Poulson, Merritt Lee, G-ss.....	Scipio
Poulson, Sanford Eugene, A-So.....	Richfield
Poulton, Hazel, ap-F.....	Magna
Powell, Grant David, A-F.....	Murray
Powell, Verdi Taylor, fa-S.....	Ogden
Powell, Verner, e-J.....	Provo
Powelson, A Marion, ap-Sp.....	Provo
Powelson, Clara, ap-So.....	Byron, Wyoming
Powelson, Fred D., ap-S.....	Provo
Powelson, Stanley, e-So.....	Goshen
Pratt, Beth, fa-Sp.....	Provo
Pratt, Dana R., fa-F.....	Salt Lake City
Pratt, Glenn Cropper, C-F.....	Nephi
Pratt, Jean Gay, A-So.....	Colonia Dublan, Chih., Mexico
Pratt, Ray L., C-F.....	Provo
Pratt, Wm. Marion, fa-Un.....	Provo
Prescott, Lila, e-F.....	Kamas
Price, Dale Hugo, C-Sp.....	Provo
Price, Eva, e-So.....	Vernal
Price, Rex Thomas, e-F.....	Idaho Falls, Idaho
Prince, Virginia, e-J.....	St. George
Prior, David, e-S.....	Spanish Fork
Pritchett, Lillian F., C-F.....	Fairview
Probert, Fae, C-Un.....	Provo
Proctor, Annie Carol, G-ss.....	Spanish Fork

Prows, Don W., C-Sp.....	Provo	Reid, Ernest Lee, ss.....	Hinckley
Prusse, Ruth, fa-Sp.....	Provo	Reid, Frederick W., ss.....	Orangeville
Pullen, J. Everett, ss.....	Provo	Reid, Gertrude, Dolorous, G-ss.....	Hinckley
Purdy, Wm. E., fa-J.....	Oakley, Wyoming	Reid, F. Horace, ss.....	Almo, Nevada
Pyne, Lucile, C-S.....	Provo	Reid, Margaret, ap-So.....	Magna
Pyott, Marie, fa-So.....	Salt Lake City	Reid, Ray L., A-S.....	St. George
Quate, Boyd Edwin, ss.....	Salt Lake City	Reimschiessel, Ernest Felix, ap-So.....	American Fork
Quinn, Elton E., C-F.....	Los Angeles, Calif.	Rex, Barbara, ap-So.....	Randolph
Raddatz, Henry Emil, ap-So.....	Santaquin	Reynolds, Allen C., G-ss.....	Beaver
Rambeau, Jean Mitchel, ss.....	Provo	Reynolds, John Wesley, A-J.....	Provo
Ramey, Iren Margaret, e-F.....	Green River	Rhodes, La Vern, ap-F.....	Provo
Randall, Bert Alfred, ap-Unmat.....	Pine, Arizona	Rice, E. J., C-J.....	Brigham City
Randall, Beryl, fa-F.....	Pine, Arizona	Rice, Leonard, e-F.....	Clifton, Idaho
Randall, Eldon Hales, ap-F.....	Pine, Arizona	Rich, Lewis Rawle, C-S.....	Morgan
Randall, John Leavitt, C-F.....	Pine, Arizona	Rich, Stella P., G.....	Provo
Rasband, Lincoln, ss.....	Heber	Rich, Wendell O'Neal, G-ss.....	Panguitch
Rasmussen, Audrey Jane, e-S.....	Provo	Richan, Fred J., G.....	Provo
Rasmussen, Crystal, ss.....	Ferron	Richan, Henriette Kessels, ss.....	Bozeman, Montana
Rasmussen, Elden, A-F.....	Fairview	Richards, Helen McDonald, A-J.....	Salt Lake City
Rasmussen, Kendall Ernest, C-F.....	Provo	Richards, Lawrence Mark, A-So.....	Salt Lake City
Rasmussen, Levar S., A-J.....	Burlington, Wyoming	Richardson, Edmund Arlo, G.....	Provo
Rasmussen, Margaret Louis, A-F.....	Chicago, Illinois	Richardson, Beth Irene, A-So.....	Provo
Rasmussen, Miriam, ap-So.....	Provo	Richardson, Cleo, A-F.....	Benjamin
Rasmussen, Rulon S., G-ss.....	Monroe	Richardson, Edmund Arthur, G.....	Provo
Rasmussen, Thora Barbara, C-F.....	Preston, Idaho	Richardson, Edna, A-F.....	Salt Lake City
Rasmussen, Verda, Sp.....	Mt. Pleasant	Richardson, Ivie Romney, A-sp.....	Provo
Ratliffe, Helen Lucille, e-F.....	Provo	Richardson, Lurlene Ivie, ap-J.....	Provo
Ratliffe, William G.....	Provo	Richins, Mary Myrlene, A-So.....	Burley, Idaho
Rawlinson, Charles Harvey, fa-S.....	Delta	Richins, Vir Schofield, C-F.....	Provo
Rawlinson, Nelda Hicken, e-J.....	Heber	Richmond, Donal Wells, A-F.....	Provo
Read, Boyd Albert, C-J.....	Ogden	Ricks, Geneva, e-J.....	Idaho Falls, Idaho
Ream, Helen Mae, A-F.....	Dingle, Idaho	Riding, Elmer Stewart, A-F.....	Provo
Rebentisch, Hamilton Smoot, C-So.....	Portland, Oregon	Rigby, Avarad A., C-S.....	Hinckley
Reber, Leonard, ss.....	Mesquite, Nevada	Rigby, Alice Maude, ss.....	Idaho Falls, Idaho
Redd, Ancil Elliott, ap-F.....	Blanding	Rigby, Cleston H., e-Sp.....	Provo
Redd, Norma, ap-F.....	Blanding	Rigby, Faye, ss.....	Fairview
Redd, Shirley, A-S.....	Provo	Rigby, Florence Peterson, ss.....	Provo
Redd, Venice, Sp.....	Provo	Rigby, Samuel Glade, A-So.....	Fairview
Redford, Louisa Magleby, G.....	Monroe	Rigby, Wendell M., G-ss.....	Provo
Reece, Helen, ss.....	Payson	Riggs, Faron W., A-Unmat.....	Overton, Nevada
Reeder, Jesse Woodland, G-ss.....	Brigham City	Riggs, Mary Veon, fa-S.....	Vernon, Arizona
Reeder, William Henry, G-ss.....	Ogden	Riggs, Maurine, e-So.....	Gunnison
Reese, Dixie Marjorie, ap-So.....	Provo	Riordan, Marguerite, G.....	Provo
Reese, Eldon Layton, G.....	Bloomington, Idaho	Riska, W. Drews, e-S.....	Sandy
Reese Hamit Darwin, A-So.....	Provo	Roberts, Bee, ss.....	Delta
Reese, Robert McCann, fa-So.....	Brigham City	Roberts, Charles Henry, e-J.....	Lehi
Reeve, Wayne Lee, A-F.....	Brigham City	Roberts, Ivy, ap-J.....	Delta
Reichert, Karl Otto, A-Un.....	Price	Roberts, Joyce Margaret, A-F.....	Salt Lake City
Reichert, Malno, ap-J.....	Price	Roberts, LouVell, ss.....	Delta
Reid, Dortha, G-ss.....	Provo	Roberts, Melvin John, e-S.....	Rupert, Idaho
		Roberts, Roberta Fay, ap-So.....	Salt Lake City
		Roberts, Vera, ss.....	Gunnison
		Robertson, Mrs. Cecil Nash, fa-Sp.....	Springville

- Robertson, James Allen, A-S.....
.....Spanish Fork
- Robertson, Merle Davis, fa-F.....
.....Denon, Montana
- Robertson, Russell H., C-J.....
.....Leadore, Idaho
- Robins, Sonoma, fa-J.....Scipio
- Robinson, David Earle, A-Unmat.....
.....Long Island, N. Y.
- Robinson, Doris, e-So.....Boise, Idaho
- Robinson, Mrs. Dorothy C., A-Sp.....
.....Boise, Idaho
- Robinson, Genava L., G-ss.....
.....Panaca, Nevada
- Robinson, George B., A-So.....Provo
- Robinson, Helen, A-J.....Provo
- Robinson, Howard Whitmore, ap-So.....
.....American Fork
- Robinson, Jean, fa-J.....Marysville
- Robinson, Madeleine, fa-F.....
.....American Fork
- Robinson, Marie Afton, C-Sp.....Lehi
- Robinson, Merla, ss.....Coalville
- Robinson, D. Owen, ap-F.....
.....Colonia Dublin, Mexico
- Robinson, Whilden, A-F.....Boise, Idaho
- Robinson, W. Ashby, C-So.....Fillmore
- Robinson, Willis, B-ss.....Panaca, Nevada
- Robison, Ann R., ss.....
.....Los Angeles Calif.
- Robison, Benjamin H., C-So.....
.....Hinckley
- Robison, Maurine, e-F.....
.....Overton, Nevada
- Rogers, Beatrice, ap-S.....
.....Snowflake, Arizona
- Rogers, Chester S., e-ss.....
.....Snowflake, Arizona
- Rogers, Robison Max, fa-So.....Morgan
- Rogers, Thos. H., C-Sp.....Salt Lake City
- Rogers, Carleton Wayne, fa-S.....Garland
- Rolfe, Wanda Elizabeth, e-So.....Oakley
- Rollins, J. Leslie, Sp.....Lyman, Wyo.
- Romney, Ella, e-F.....
.....Colonia Dublin, Mexico
- Romney, Mrs. George S., fa-Sp.....Provo
- Romney, Isabelle, ss.....
.....Colonia Juarez, Mexico
- Romney, Merlyn, e-So.....Provo
- Ronnow, Eleanore Elsie, A-F.....
.....Panaca, Nevada
- Roper, Margaret Walker, ss.....Oak City
- Roper, Rachel Lucile, ss.....Oak City
- Ross, Faye Rose, e-So.....
.....Fargo, No. Dakota
- Ross, Fern Louise, ap-So.....
.....Fargo, No. Dakota
- Ross, Floyd, fa-F.....Duchesne
- Rose, Ford T., C-J.....Provo
- Roselund, Allan Evan, C-F.....Fairview
- Rosette, Walter Egan, fa-J.....
.....Palisade, Colorado
- Roundy, Laura, e-J.....Provo
- Rowe, Glen Morris, A-F.....Provo
- Rowe, Francis, e-J.....Spanish Fork
- Rowe, Minnie B., e-Sp.....Provo
- Rowe, Paul William, e-S.....Provo
- Rowland, Hannah, ss.....Springville
- Rowland, Ted A., C-F.....Springville
- Rowley, Beth, ap-So.....Spring Glen
- Rowley, Ernest Elvin, G.....Cedar City
- Roynance, Fred H., C-F.....Springville
- Royle, Homer Freeman, A-S.....Lehi
- Ruff, George Robert, A-F.....Provo
- Rupper, John Heber, A-S.....Provo
- Russell, Katherine M., ss.....Eureka
- Russell, Louise, ap-S.....Springville
- Rust, Blanche, fa-F.....Provo
- Sadler, Hattie, ap-J.....Provo
- Safford, Virginia, C-Sp.....Provo
- Salisbury, David E., fa-F.....Nephi
- Salisbury, Portia Joan, e-So.....Provo
- Salm, Kathryn, fa-F.....Magna
- Sampson, Charles Ivan, e-S.....
.....American Fork
- Sampson, Stella, e-J.....Delta
- Samuelson, Beatrice B., e-ss.....
.....Santaquin
- Sandberg, Josephine, ss.....Salt Lake City
- Sandberg, Merrill, ss.....Provo
- Sander, Mary Merkeley, fa-Sp.....Provo
- Sanders, Follet Christian, C-F.....
.....Fairview
- Sanders, Hart Kyhl, A-F.....Centerfield
- Sanders, Orson Ross, C-J.....Malta, Idaho
- Sanderson, Lloyd Devon, C-J.....Fairview
- Sandgren, Edward A., C-J.....Provo
- Sanford, Barbara Elizabeth, ap-J.....
.....Springville
- Sanford, Ruth, e-F.....Springville
- Sardoni, Dearwyn Elizabeth, fa-J.....
.....Provo
- Sardoni, Elizabeth, A-Sp.....Provo
- Sardoni, Lawrence Whitman, G-ss.....
.....Grand Junction, Colorado
- Saville, Betty Jeanne, fa-F.....
.....Salt Lake City
- Saxey, Edward, ss.....Provo
- Sayer, John Robert, S-So.....
.....Idaho Falls, Idaho
- Sayer, Max W., A-F.....Shelley, Idaho
- Sayer, Stanley Llewellyn, A-F.....
.....Iona, Idaho
- Schaerrer, Nell, e-F.....Payson
- Schmidt, Herbert W., ap-F.....Ogden
- Schmutz, Stanley M., fa-J.....St. George
- Schofield, Arlin Rawlings, A-So.....Provo
- Schofield, Jay D., Sp.....Rupert, Idaho
- Schow, Erma Davis, ap-J.....Lehi
- Schow, June, fa-F.....Magna
- Schow, Russell Stewart, e-Unmat.....
.....Lehi
- Schramm, Leona, ss.....Payson
- Scorup, Edith, ap-J.....Salina
- Scott, Ida Belle, G-ss.....Provo
- Seager, Ivy Nielson, G.....Tremonton
- Searle, Don Lester, A-So.....
.....Spanish Fork
- Searle, Lynn Scott, e-J.....Spanish Fork
- Searle, Ralph R., C-So.....Spanish Fork
- Sears, Viola, ss.....Salt Lake City

- Seegmiller, Deola, G-ss.....St. George
 Seegmiller, Ida, ss.....St. George
 Seegmiller, Marjorie, G.....Richfield
 Seegmiller, Mishie, ss.....St. George
 Seegmiller, Robert, A-So.....Richfield
 Seeley, Lizetta, ss.....Mt. Pleasant
 Seeley, Max M., A-So.....Roosevelt
 Sellers, Doyle Davis, G-ss.....
Sacramento, Calif.
 Sharp, George Ariel, e-S.....Murray
 Sharp, Max William, A-F.....Lehi
 Shaw, Byron T., G.....Sugar City, Idaho
 Sheffield, Erwin Lowell, G-ss.....Provo
 Shellenberger, Elna Idona, fa-F.....
Ely, Nevada
 Shelley, Sarah, A-J.....American Fork
 Shepherd, Dora Burgess, ap-Sp.....Alpine
 Sheranian, Lorraine Mary, ss.....Murray
 Shields, Morris D., ap-Unmat.....
Shaughnessy, Alberta, Canada
 Shiozawa, Kenji, ap-So.....Rigby, Idaho
 Shipman, Edward, ap-S.....Provo
 Shirts, Max LeRoy, fa-J.....Payson
 Sim, Grace Eileene, ss.....
Evanston, Wyoming
 Simangan, Esteban Tulauan, A-J.....
Tuguegarao, Cag. P. I.
 Simkins, Max, A-So.....Springville
 Simmons, Donald, G-ss.....Payson
 Simmons, James Ammon, e-J.....
Spanish Fork
 Simmons, Leonora, fa-F.....Spanish Fork
 Simpkins, Nedra, e-J.....Provo
 Singleton, Garth, C-So.....Eureka
 Singleton, Paul C., C-F.....Provo
 Sinnott, F. Anne, e-J.....Newport, Calif.
 Skeem, Elayne, ap-So.....Oasis
 Skeem, Inez, e-J.....Oasis
 Skinner, Grace, G-ss.....Beaver
 Skinner, Mary Louise, e-F.....Lehi
 Skipworth, Ernest Milbourne, C-So.....
Hillspring, Canada
 Skouson, Gertrude, ap-Unmat.....
Col. Dublan, Chih., Mexico
 Skousen, Murr Eldred, ap-F.....
Chandler, Arizona
 Skousen, Rita, C-J.....
Col. Juarez, Chih. Mexico
 Slack, Merlin J., C-F.....Provo
 Smart, Edwin H., ap-J.....Provo
 Smart, Helene, Sstle, ap-J.....
San Francisco, Calif.
 Smart, Max Neff, G.....Provo
 Smart, Thomas Sherrett, A-F.....Provo
 Smeath, George Hillier, ap-S.....
Salt Lake City
 Smith, Ada, e-Sp.....Springville
 Smith, Amy, C-F.....Salt Lake City
 Smith, Barbara Louise, fa-F.....Ogden
 Smith, Clarence Brandon, C-So.....
Raymond, Alberta, Canada
 Smith, Donald, ap-J.....Ogden
 Smith, Ferral L., C-J.....Elsinore
 Smith, Harvey Eugene, ss.....
Pleasant Grove
 Smith, Harold H., G-ss.....
Snowflake, Arizona
 Smith, Heber Joseph, C-So.....
Salt Lake City
 Smith, Hyrum Jenkins, C-S.....
Salt Lake City
 Smith, Irene, e-So.....Beaver
 Smith, Iona, e-F.....Alpine
 Smith, Jack A., fa-F.....Payson
 Smith, John William, G-ss.....
Salt Lake City
 Smith, Katherine Thomas, e-S.....Provo
 Smith, Lela B., ap-F.....Vernal
 Smith, Leo Evans, ap-F.....Provo
 Smith, LeRoy W., ss.....Pleasant Grove
 Smith, Lewis Calder, A-So.....Smithfield
 Smith, Lola B., ap-F.....Vernal
 Smith, Lola Marie, ss.....Provo
 Smith, Lois Emma, A-F.....
Palmyra, N. Y.
 Smith, Marvin E., C-Un.....
Palmyra, N. Y.
 Smith, Oliver Rollin, A-S.....
Palmyra, N. Y.
 Smith, Ora Ann, fa-So.....
Pleasant Grove
 Smith, Reed M., A-F.....Pleasant Grove
 Smith, Rowe William, ap-So.....
Bridgeland
 Smith, Sylvester Glenn, A-F.....
Salt Lake City
 Smith, Ticknor Niles, C-F.....
Gnoka, Minn.
 Smoot, Anna, G-ss.....Provo
 Smoot, Fern, G-ss.....Provo
 Smoot, Reed, ss.....Provo
 Smuin, Donna, A-So.....Ogden
 Snarr, Alvin Glen, ap-F.....Murray
 Snarr, Lura, C-F.....Salt Lake City
 Snarr, Thelma, e-J.....Murray
 Snell, William Henry, G.....Provo
 Snow, Bessie, G-ss.....Pine Valley
 Snow, Gordon Whitaker, C-S.....Provo
 Snow, K. Anthony, A-So.....St. George
 Snow, Hattie Thornton, A-Sp.....Provo
 Snow, Nelson Atkin, G.....St. George
 Snow, Ray, A-So.....Provo
 Snow, Wanda McGregor, ss.....St. George
 Snow, Perry E., ss.....Ferron
 Snyder, Evelyn, C-F.....Provo
 Soderquist, Oscar Eugene, ss.....Ferron
 Soffe, Beth M., e-J.....Sandy
 Soffe, Darrel David, C-S.....Sandy
 Soffe, Kenneth, e-J.....Midvale
 Soffe, Wayne, e-S.....Midvale
 Sonderegger, Maurine, C-F.....Midway
 Sorensen, Bill Howard, fa-S.....Sandy
 Sorensen, Blair M., A-So.....
Brigham City
 Sorensen, Dorothy, e-J.....Manti
 Sorensen, Keith A., A-F.....
Spanish Fork
 Sorensen, Lewis W., ss.....Redmond
 Sorensen, Morris Elmer, A-J.....Ephraim
 Sorensen, Ruby F., ss.....Eureka

Sorenson, Sam Anders, fa-S..... Springville
Sorensen, Sam W., ap-So..... Richfield
Sorenson, Vernon Charles, A-F..... Riverton
Sorenson, Wayne Leslie, A-So..... Salt Lake City
Soulier, Glen Earl, ap-F..... Provo
Southwick, Elaine, G-ss..... Cedar City
Sowards, Ethelyn, A-F..... Provo
Spackman, Fred Neal, A-J.....
.....Sterling, Alberta, Can.
Spalding, Alta June, e-S..... Provo
Spear, Grace, A-Sp..... Provo
Speckart, Jess Richmond, A-So..... Provo
Spector, Isadore, C-F.....
.....Grand Junction, Colo.
Spencer, Ethel S., ss..... Provo
Spencer, Hazel Lorene, ap-So.....
.....Malad, Idaho
Spencer, Helen Louise, fa-J..... Provo
Spencer, Lucile, C-J..... Paris, Idaho
Spencer, Ray A., fa-So..... Provo
Spencer, Seymour Horne, G-ss.....
.....Montpelier, Idaho
Spendlove, Vivo, e-J..... Hurricane
Speros, Peter John, A-So.....
.....Bingham Canyon
Spotten, Lillian, e-F..... Sanford, Colo.
.....Wyola, Montana
Springer, Floris M., C-F..... Salt Lake City
Spriggs, Edgar Maurice, A-F.....
Stagg, Margaret, G-ss..... Pleasant Grove
Staheli, Lafayette, ss..... Hurricane
Staker, Flossie R., A-ss.....
.....Mount Pleasant
Stanger, William Steele, C-F.....
.....Mount Pleasant
Staker, Rex Clay, A-Unmat.....
.....Iona, Idaho
Starley, Rae, ap-S..... Delta
Starley, Ruth, ap-F..... Delta
Starr, Eva, A-J..... Springville
Steed, Delbert Lynn, ap-So.....
.....Cardston, Alberta, Can.
Steele, Grace, fa-Sp..... Provo
Steele, Stanford Henry, G-Lago, Idaho
Steineckert, Dean, fa-F..... Provo
Steineckert, Max A., A-So..... Provo
Stephens, Eugene Clarence, A-So.....
.....Bayside, N. Y.
Stephens, G. Sylvan, G..... Provo
Stephenson, Dorothy, e-F..... Delta
Stephenson, J. Maiben, ss..... Oak City
Sterling, Marcell, C-F..... Spanish Fork
Sterling, Hyrum Ross, C-J.....
.....Spanish Fork
Stevens, Flanche, ap-F..... Holden
Stevens, Florence, A-So.....
.....El Paso, Texas
Stevens, Inez Ruth, fa-So.....
.....Barnwell, Alberta, Canada
Stevens, Mae, C-F..... Fillmore
Stevens, Orin Richard, C-S..... Provo
Stevens, Rozilla, e-F..... Fillmore
Stevens, Wallace Robin, C-F..... Holden
Stevens, Ward Earl, A-F.....
.....Barnwell, Alberta, Canada
Stevens, William A., C-J..... El Paso Tex.
Stevenson, Dean, ss..... Monroe
Stewart, Blanche, A-So..... Payson
Stewart, Harry Glenn, G.....
.....American Fork
Stewart, La Ron D., A-So.....
.....Calgary, Alberta, Canada
Stewart, Leo Grant, A-J.....
.....Mount Pleasant
Stewart, Louis Young, ap-F..... Provo
Stewart, Loris Wayne, e-S..... Provo
Stewart, Mildred, ap-S..... Provo
Stillman, Mary, C-J..... Salt Lake City
Stocking, Ralph, ss..... Ogden
Stoddard, Henry Nibley, C-So.....
.....La Grande, Oregon
Stoker, Florence ss..... Spanish Fork
Stokes, Marion Elizabeth, e-F.....
.....Cleveland
Stokes, William Lee, G..... Cleveland
Stolworthy, Cleo, C-F.....
.....Kirtland, New Mexico
Stolworthy, William Rowdon, A-J.....
.....Blackfoot, Idaho
Stone, Lowell Middleton, A-F..... Ogden
Stone, Zella May, ss..... Salem
Storrs, Emma Lou, fa-So..... Sweets Mine
Storrs, Shirley, A-So..... Eureka
Stott, Verland Arthur, A-F.....
.....Roosevelt
Stosich, Flora Henrietta, e-F.....
.....Idaho Falls, Idaho
Stout, Beth, e-S..... Moab
Stout, Ruth, e-F..... Moab
Strasburg, Mae, e-F..... Lehi
Strate, Neva, fa-F..... Provo
Stratton, J. George, C-F..... Provo
Stratton, Marvin Vance, C-F..... Provo
Strauser, Ethel May, G-ss..... Provo
Straw, Marjorie, ss..... Springville
Straw, Rex Ellis, C-S.....
.....Montpelier, Idaho
Strebel, George L., A-S..... Provo
Strickland, Joseph, A-J..... Norfolk, Va.
Strickler, Fredonna Henrietta, ss.....
.....Ogden
Strickley, Dora June, fa-F..... Provo
Stringfellow, Darrell, C-F..... Provo
Stringham, Ednal Shanks, e-Sp..... Provo
Stringham, Helen Caroline, ap-So.....
Stringham, Jack, e-S..... Salt Lake City
Strom, Clifford Leon, e-So.....
.....Bend, Oregon
Stromberg, Ruth Clark, fa-F.....
.....Grantsville
Strong, Bert, A-So..... Springville
Strong, Faye La Rene, e-F.....
.....American Fork
Strong, Josephine, e-Sp..... Provo
Strong, Leon M., G-ss.....
.....Sugar City, Idaho
Strong, Mabel, ss..... Sugar City, Idaho
Stuart, Annie, ss..... Woodruff

- Stuart, Carl G., G-ss.....Woodruff
 Stucki, J. Wendell, ap-S.Paris, Idaho
 Stutz, Howard Coombs, A-So.....
 Cardston, Alta., Canada
 Styler, Lucille, ap-F.....Oasis
 Sullivan, Annie E., ss.....Eureka
 Sullivan, Charlotte Frances, A-F.....
 Eureka
 Sulser, Joseph C., A-F.....Huntington
 Summers, Georgia, Sp.....Silver City
 Sumner, Bob Collins, A-Sp.....Provo
 Sumsion, Naomi, e-So.....Springville
 Sumsion, Spafford, G-ss.....Moroni
 Sunderland, Ileen, e-F.....Lehi
 Sundwall, Harry West, G.....Fairview
 Sundwall, Jessie, ap-Sp.....Fairview
 Sundwall, Robert, ss.....Fairview
 Sundwall, Virginia, fa-F.....Fairview
 Sutton, David Wright, G-ss.....Logan
 Sutton, Helen Kathleen, e-S.....Provo
 Sutton, Virginia Frances, e-S.....Provo
 Swalberg, Beth, fa-So.....Spanish Fork
 Swalberg, Carl Albert, C-F.....
 Spanish Fork
 Swanner, Charles Edsell, C-J.....
 Spanish Fork
 Swapp, Corris, e-F.....Kanab
 Swensen, Albert Donald, G.....Provo
 Swenson, David Whitmer, fa-F.....Logan
 Swenson, Frank Isaac, C-S.....
 Spanish Fork
 Swensen, Jennie Romney, fa-Sp.....Provo
 Swenson, John Lewis, ap-So.....
 Bancroft, Idaho
 Swensen, Kay W., A-F.....
 Pleasant Grove
 Swensen, La Raine Walker, e-J.....
 Pleasant Grove
 Swensen, Laura, e-J.....Pleasant Grove
 Swensen, Richard Davis, A-So.....Provo
 Swenson, Warren Ole, A-F.....Riverton

 Taggart, Nida, ss.....Morgan
 Takeuschi, Paul, ap-J.....Cascade, Idaho
 Tangren, Hallie, e-So.....Provo
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 Tanner, Wilmer W., G-ss.....Provo
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 Taylor, Anna, fa-Sp.....
 Col. Juarez, Chih., Mexico
 Taylor, B. Don, C-J.....Provo
 Taylor, Ben, fa-J.....
 Col. Dublan, Chih., Mexico
 Taylor, Carlos, C-S.....
 Col. Juarez, Chih., Mexico
 Taylor, Celestia J., G.....Provo
 Taylor, F. Willis, C-J.....
 Raymond, Alta., Canada
 Taylor, Grant F., C-So.....Provo
 Taylor, Helen Beard, e-So.....Kamas
 Taylor, John William, A-So.....
 Magrath, Alta., Canada
 Taylor, Lee Gordon, C-So.....Levan
 Taylor, Lester P., C-F.....Provo
 Taylor, Lola, ap-J.....Spokane, Wash.

 Taylor, Louise, fa-F.....
 Farmington, New Mexico
 Taylor, Marion Hollis, C-F.....Provo
 Taylor, Mary Jenning, G.....Provo
 Taylor, Nellie, ap-F.....
 Col. Dublan, Chih., Mexico
 Taylor, Nolan Riley, fa-S.....Ogden
 Taylor, O. Kenneth, C-J.....Provo
 Taylor, Ogden Baird, A-So.....Kamas
 Taylor, Paul H., C-F.....Provo
 Taylor, Ruth Elayne, e-J.....Provo
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 Teichert, Robert Henri, A-So.....
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 Tebbbs, Ruth, e-F.....Panguitch
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 Terry, Ernest Bardell, ss.....Spring City
 Terry, Evan Ray, C-So.....Provo
 Terry, Evelyn V., fa-Sp.....Provo
 Terry, Luther Lafayette, fa-S.....Provo
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 Salt Lake City
 Thatcher, Harold Lesly, C-F.....Provo
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 Thaxton, Olive, e-J.....Riverton
 Thayn, June, e-So.....Wellington
 Thomas, Arvilla, A-Sp.....Heber
 Thomas, Dan, e-S.....Ogden
 Thomas, Fern S., e-Sp.....Provo
 Thomas, Harry, A-So.....Provo
 Thomas, L. Dean, ap-J.....Spanish Fork
 Thomas, Lucille, A-F.....
 Pinedale, Arizona
 Thomas, Rex T., A-S.....Provo
 Thomas, Vern Rowe, C-So.....Paul, Idaho
 Thompson, Joseph C., A-J.....St. George
 Thomson, Cannon A., ss.....
 Salt Lake City
 Thomson, Gordon Louis, A-So.....
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 Thomson, Grant, G-ss.....Peoa
 Thomson, T. Leonard, ss.....Ephraim
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 Thursby, Zada Velear, e-S.....Ephraim
 Thurston, Harold Bleak, fa-Un.....
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 Tido, John, ap-F.....Provo
 Tidwell, Bert, A-So.....Wellington
 Tidwell, Lillie Belle, e-So.....Wellington
 Tietjen, Barbara, C-F.....Monroe
 Tietjen, Bernell, fa-J.....Monroe
 Tippetts, Don Harold, G.....Lovell, Wyo.
 Tippetts, Twain Cropper, A-J.....
 Ephraim
 Tippetts, Eli, fa-F.....Springville
 Tipton, Naomi, e-So.....Springville

Todd, Alice, e-J.....	Denver, Colorado
Todd, Beth, C-So.....	Denver, Colorado
Todd, Burton McLain, A-F.....	Denver, Colorado
Toland, Gwendolene, fa-J.....	St. John, Kamas
Tolhurst, Gilbert Chas., G.....	Ogden
Tohver, William Meredith, e-J.....	Salina, Colorado
Toomey, Norma Eleanor, fa-F.....	Sandy
Towers, Adele Blanche, e-J.....	Eureka
Traher, Kathryn Margaret, C-F.....	Provo
Trunnell, John Byron, A-F.....	Whiting, Indiana
Tucker, Amos Curtis, C-F.....	Blackfoot, Idaho
Tucker, Clair Myron, A-F.....	Fairview
Tucker, Florence S., C-So.....	Lewisville, Idaho
Tucker, Frances Leone, ss.....	Snowflake, Arizona
Tucker, George Webster, G-ss.....	Snowflake, Arizona
Tucker, Jessie Maxine, fa-Sp.....	Provo
Tucker, Martha Lu, e-F.....	Lewisville, Idaho
Tuft, Beth, e-J.....	Monroe
Tuft, Max S., ap-J.....	Monroe
Tuft, Reed Junius, ap-So.....	Heber
Tuft, Robert McRoy, A-F.....	Oakland, Calif.
Turner, Bill Roylance, A-So.....	Provo
Turner, Dorothy Ann, A-F.....	Provo
Turner, Glen, fa-So.....	Provo
Turner, Hazel LaRue, ss.....	Spanish Fork
Turner, Ida Pearl, C-So.....	Provo
Turner, Marjorie, ss.....	Kaysville
Turner, Maxine, fa-J.....	Spanish Fork
Turner, Winifred, C-F.....	Provo
Tuttle, Dean L., C-F.....	Spanish Fork
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Tuttle, Elliott, ss.....	Provo
Tyler, Robert Clark, A-S.....	Los Angeles, Calif.
Tyndall, Clarence, C-J.....	Deep Run, North Carolina
Udall, Jessica, fa-So.....	Thatcher, Arizona
Ungermann, June, A-F.....	Huntington
Ungermann, Ralph L., fa-J.....	Huntington
Uteley, Quentin E., A-So.....	Richfield
Uteley, Merrill G., A-F.....	Sevier
Valentine, Lee Benson, fa-Un.....	Brigham City
Van Alfen, Nicholas, G-ss.....	Ogden
Vance, Blain A., C-F.....	Fairview
Vance, David Harris, A-So.....	Jerome, Idaho
Vance, Don L., C-So.....	Fairview
Vance, Laura, C-So.....	Provo
Vance, Milo C., ss.....	Raymond, Alta., Canada
Van Dyke, C. Ruth, fa-J.....	Ogden
Van Leuven, Lyda Harrison, ee.....	Provo
Van Leuven, Thora Hill, e-J.....	Provo
Van Wagoner, Dale, A-F.....	Provo
Van Wagenen, Dean, C-S.....	Provo
Van Wagenen, Donna Myrle, A-So.....	Provo
Van Wagoner, Merrill Y., A-J.....	Midway
Verhaagen, Elizabeth, ap-Un.....	Norfolk, Virginia
Vickers, Eva, ss.....	Nephi
Viklund, Eric Albert, C-J.....	Spanish Fork
Viklund, Hannah, ss.....	Spanish Fork
Vincent, Byrnece, ap-J.....	Provo
Vincent, Thelma G., fa-Sp.....	Provo
Waddoups, Ezma, A-So.....	Brigham City
Wade, Hector Eugene, C-F.....	Norfolk, Virginia
Wadley, Arvil W., A-F.....	Pleasant Grove
Wadley, Lucy, ap-S.....	Pleasant Grove
Wadsworth, Edna Myrtle, A-F.....	Panaca, Nevada
Wadsworth, F. Don, e-So.....	Panaca, Nevada
Wadsworth, Theresa, A-So.....	Panaca, Nevada
Wagstaff, Mary Afton, e-F.....	Murray
Wagstaff, Vera Nebeker, ss.....	Pleasant Grove
Wakefield, G. Bruce, e-S.....	Salt Lake City
Wakefield, J. Homer, G-ss.....	Provo
Walker, Ardis, fa-F.....	Provo
Walker, Beth, ss.....	Raymond, Alta., Canada
Walker, David Smith, A-J.....	Pleasant Grove
Walker, Horace Keetch, A-So.....	Pleasant Grove
Walker, Orvel Ercanbrack, ap-Un.....	Pleasant Grove
Wall, Jason Alonzo, e-S.....	Payson
Wall, Ruth, e-S.....	Randlett
Wallick, Barney Neil, A-J.....	Provo
Walsh, Reed Harmer, e-S.....	Farmington
Walton, John Norman, A-So.....	Provo
Wangsgard, Shirle, e-S.....	Ogden
Ward, Barbara, C-Un.....	Provo
Ward, Eva Ruth, A-F.....	Twin Falls, Idaho
Ward, Keith Whitney, ap-So.....	Parowan
Warner, Jack Jex, A-F.....	Spanish Fork
Warner, John F., ss.....	Spanish Fork
Warner, Meldon Newel, e-S.....	Fillmore
Warner, Mont Marcellas, ap-F.....	Kelso, Calif.
Warner, Orvil Rex, e-F.....	Kelso, Calif.
Warnick, Belle, e-So.....	Delta
Warnick, Beth, a-F.....	Provo
Warnick, Helen, ap-F.....	Pleasant Grove
Warnick, Ralph Richard, ap-F.....	Pleasant Grove

Warnock, Idell, e-F.....	Sigurd
Washburn, Guy Mac, fa-F.....	Draper
Washburn, Margaret Marie, e-F.....	Provo
Wasden, Howard Adolphe, ss.....	.....
.....	Las Vegas, Nevada
Wasden, Myron Wm., ss.....	Scipio
Waspe, Ileen Ann, A-Sp.....	.....
.....	Salt Lake City
Watters, Merrill Eugene, A-J.....	.....
.....	Sheridan, Wyoming
Watson, Leonard David, C-S.....	.....
.....	Raymond, Alta., Canada
Watson, Ottella, ap-J.....	.....
.....	Blackfoot, Idaho
Watters, Ray, A-F.....	Richfield
Watts, Dolly Eva, ss.....	Byron, Wyo.
Watts, John Clayton, G-ss.....	Gunnison
Watts, Stanley Howard, e-S.....	Murray
Watts, Verdun Austin, ss.....	Provo
Way, John Willis, A-S.....	Ogden
Webb, Howard Clark, ap-F.....	.....
.....	La Grande, Oregon
Webb, Jean, e-So.....	Ogden
Webb, Lynn Robert, G-ss.....	Afton, Wyo.
Webb, Norma C., ss.....	Afton, Wyo.
Webster, Mariana, fa-F.....	.....
.....	Rexburg, Idaho
Weenig, John Lehi, C-So.....	Riverton
Weeter, Warren Glenn, C-Sp.....	Riverton
Wiegth, Brent Nelson, A-J.....	.....
.....	Springville
Weight, Henry LaMar, ap-So.....	.....
.....	Springville
Weight, Newell Bryan, fa-S.....	.....
.....	Springville
Weight, Woodrow, fa-So.....	Springville
Wells, Joseph Lovell, A-So.....	Oak City
Wendel, Joe, G-ss.....	Frontier, Wyo.
West, Dale H., A-So.....	Pleasant Grove
West, John Everett, C-F.....	.....
.....	Pleasant Grove
West, Louise, C-So.....	Pleasant Grove
Westergard, Wanda Denning, ap-F.....	.....
.....	Idaho Falls, Idaho
Westover, Maxine, A-S.....	.....
.....	American Fork
Whitcott, H. Devello, G.....	Provo
Wheeler, A. Blaine, A-J.....	Springville
Wheeler, Goldie G., G-ss.....	Silver City
Wheelwright, Max, A-S.....	Ogden
Whetten, Leland, C-So.....	.....
.....	Col. Juarez, Chih., Mexico
Whicker, Lyda Mae, e-So.....	.....
.....	Salt Lake City
Whitaker, George Winder, C-S.....	Provo
White, Alden D., ap-Un.....	.....
.....	McKennon, Wyoming
White, Bob Owen, A-J.....	Provo
White, Clara, e-J.....	Beaver
White, Edyth, ap-F.....	Provo
White, Faye, G-ss.....	Payson
White, Howard C., e-So.....	Beaver
White, LeRoy Clark, A-So.....	.....
.....	Brigham City
White, Lewis Elmer, C-So.....	.....
.....	Hood River, Oregon
White, Lola B., ss.....	Springville
White, Nina, ap-S.....	Pleasant Grove
White, Paul Llewellyn, ss.....	.....
.....	Rexburg, Idaho
White, Samuel Max, fa-S.....	Morgan
Whiteley, Blanche, C-So.....	.....
.....	Oakley, Idaho
Whiteman, Harold Edgar, A-F.....	.....
.....	Phoenix, Arizona
Whiting, Erma, C-So.....	.....
.....	St. Johns, Arizona
Whiting, Rex A., A-So.....	Mapleton
Whitney, Norman K., fa-F.....	Mendon
Whittier, Bruce Herbert, A-So.....	.....
.....	Morgan
Whitwood, Ernest G., ss.....	Spanish Fork
Whitwood, Mary, e-J.....	Spanish Fork
Whyte, William LaMar, ap-F.....	.....
.....	Springfield, Idaho
Wiemer, Frederick William, A-F.....	.....
.....	Santa Ana, Calif.
Wicken, Louise, ss.....	Trinidad, Colorado
Wight, Diavd O., Sp.....	Provo
Wight, Edgar L., ss.....	.....
.....	Glenwoodville, Alta., Canada
Wight, Muriel, e-F.....	Brigham City
Wilcox, Afton Alder, C-F.....	.....
.....	Preston, Idaho
Wilcox, Vernon Davis, fa-J.....	.....
.....	Salem, Oregon
Wilde, Delwyn Daniel, fa-So.....	.....
.....	Iona, Idaho
Wilde, Leland, ss.....	Coalville
Wilkins, Jennie McCoard, A-Sp.....	Provo
Wilkins, Madelyn, e-J.....	Mt. Home
Wilkins, Ralph M., A-F.....	Mt. Home
Willardsen, Pearl Eva, e-J.....	Ephraim
Willett, Farrell Dean, e-J.....	.....
.....	Pleasant Grove
Williams, Allen C., A-Un.....	Salina
Williams, Arthur Kent, C-So.....	Provo
Williams, Dean E., C-J.....	.....
.....	Malad City, Idaho
Williams, Emmons Nelson, ss.....	.....
.....	Pocatello, Idaho
Williams, Ercel Waldon, C-So.....	.....
.....	Spanish Fork
Williams, Hortense, ap-F.....	.....
.....	Raymond, Alta., Canada
Williams, Loila, e-S.....	.....
.....	Cardston, Alta., Canada
Williams, Louise Marie, fa-Un.....	.....
.....	LaGrande, Oregon
Williams, Mae, C-Un.....	Provo
Williams, Mark, G-ss.....	Castle Dale
Williams, Myrra Ann, e-F.....	Price
Williams, Roger, A-So.....	Hamer, Idaho
Williams, Wanda, e-F.....	Price
Willis, Bertha, ss.....	Silver City
Wilmott, Alzada, ss.....	Springville
Wilske, Emil, e-G.....	.....
.....	American Falls, Idaho
Wilson, Cecil, Sp.....	Eureka
Wilson, David, A-F.....	Ogden
Wilson, John Fredrick, C-F.....	Park City
Wilson, Marian, fa-S.....	Ogden

Wilson, Mary Paulson, ss.....	Pleasant Grove	Woolf, Wilford W., A-So.....	Provo
Wilson, Melissa S., A-Sp.....	Provo	Wooley, Lucy, ss.....	Salt Lake City
Wilson, Norman, G.....	Gibbsland, Louisiana	Wooton, Bert, C-Sp.....	Provo
Wilson, Richard Clair, ap-F.....	Richfield	Wooton, Donna, fa-F.....	American Fork
Wing, Niles, A-S.....	American Fork	Worlton, Jean, C-F.....	Lehi
Wingate, James French, G-ss.....	Springville	Worsley, Sarah P., G.....	Provo
Winn, Jack C., G-ss.....	Nephi	Worthen, Lottie, McQuarrie, G.....	Provo
Winters, Que Seely, C-F.....	Castle Dale	Worthen, Sidney Eugene, ss.....	Salt Lake City
Winterton, Jim Ririe, A-F.....	Provo	Worthen, Vernon, G-ss.....	St. George
Winterton, LaPreal, A-S.....	Provo	Worton, Edith Ethel, C-J.....	Ogden
Winterton, Ralph William, A-F.....	Provo	Wrathall, Irene, e-S.....	Grantsville
Wiscombe, Ronald, G-ss.....	Roosevelt	Wright, Beth Anne, ss.....	Provo
Wisdom, Norton B., A-F.....	Los Angeles, Calif.	Wright, Donald, G-ss.....	Pleasant Grove
Wiseman, Irvin, C-F.....	Provo	Wright, Florence June, ap-F.....	Lehi
Witbeck, Ann, e-F.....	Roosevelt	Wright, June, C-F.....	Salt Lake City
Witbeck, Olive, e-J.....	Roosevelt	Wright, J. Leslie, G-ss.....	Hinckley
Wolsey, Louis, A-Un.....	Cardston, Alta., Canada	Wright, Wanda Flo, fa-S.....	Salt Lake City
Wolz, Russell, C-So.....	Byron, Wyoming	Wunderli, Elva Clara, A-F.....	Detroit, Michigan
Wolsey, Rex Justin, ap-Sp.....	Cardston, Alta., Canada	Wycherly, Gaylen Loyd, e-J.....	Hiawatha
Wood, Dell, C-Un.....	Hill Spring, Alta., Canada	Wyler, George A., ss.....	Payson
Wood, Elaine, A-F.....	Helper	Wynder, Melvin Woodrow, A-F.....	Hill Spring, Alta., Canada
Wood, Junne, A-F.....	Provo	Yano, Mas A., A-So.....	Brigham City
Woodruff, Alice Ruth, A-S.....	Salt Lake City	York, Eleanor, A-F.....	Spanish Fork
Woodward, Robert Myron, C-F.....	Kimberly, Nevada	Youkstetter, Pearl Irene, A-S.....	Huntington Park, Calif.
Woolf, Aenone, A-J.....	Provo	Young, Miriam Lucile, fa-F.....	Provo
Woolf, Wilbur, A-So.....	Provo	Young, Orval Harold, A-F.....	American Fork
Wooley, Cloyd, ap-F.....	Vernal	Young, Walter Ernest, C-So.....	Buenos Aires, S. America
		Zabriskie, Emma, C-So.....	Provo

Summary of Students for 1937-38

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Seniors	284	
Juniors	447	
Sophomores	524	
Freshmen	852	
Unmatriculated	59	
Specials	205	
		2461
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Graduates	175	
Other University Students	435	610
Correspondence and Extension		553
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		4114
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Number receiving institutional credit		3900

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